

Program EVALPLOT
(Version 2018-1)

by

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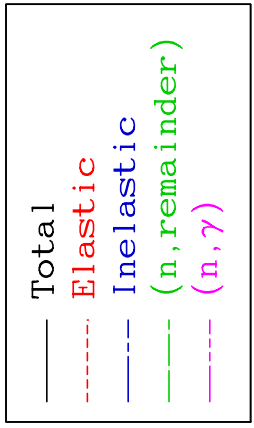
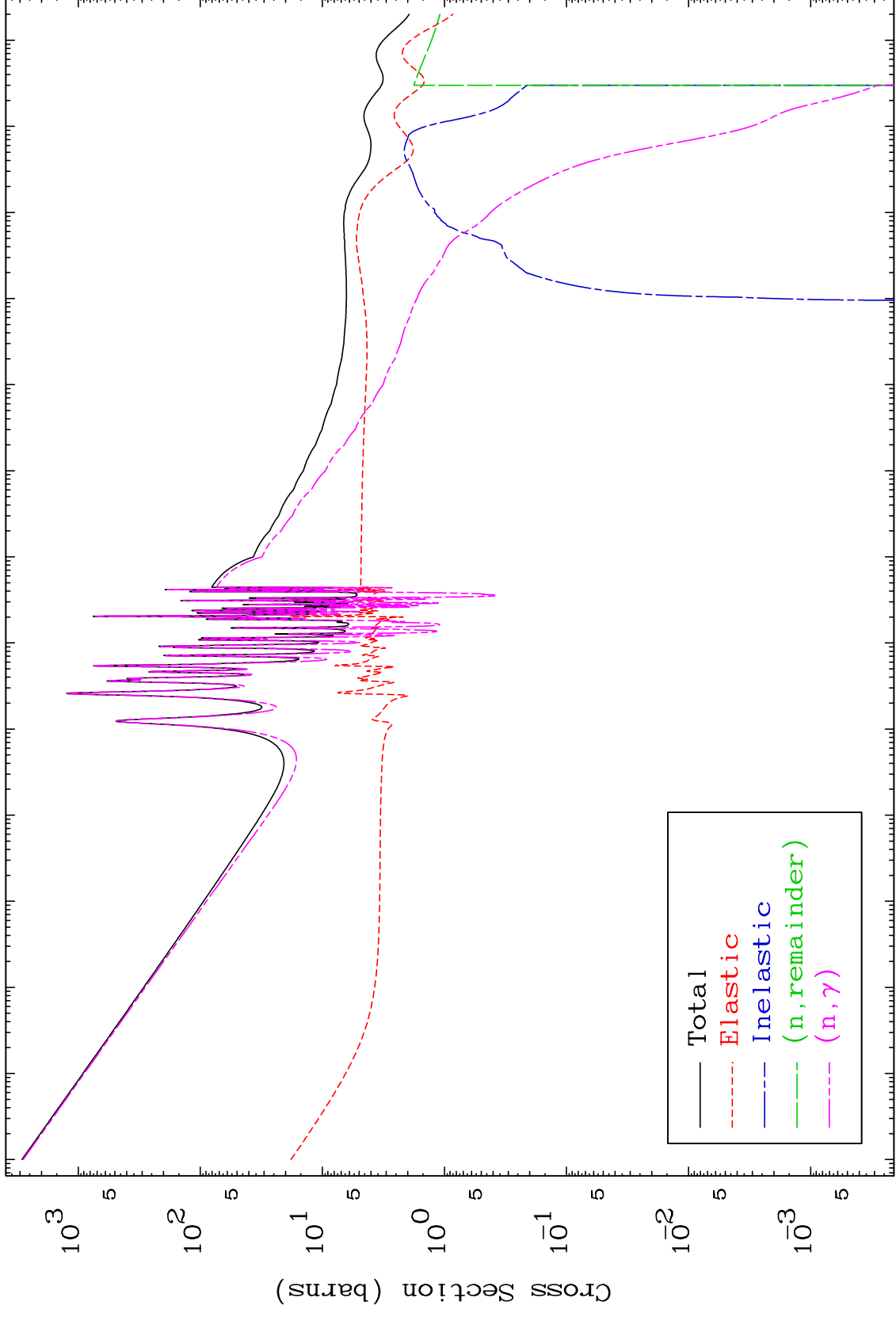
Press Mouse Button to Start

MAT 5110

Major

293 Kelvin Cross Sections

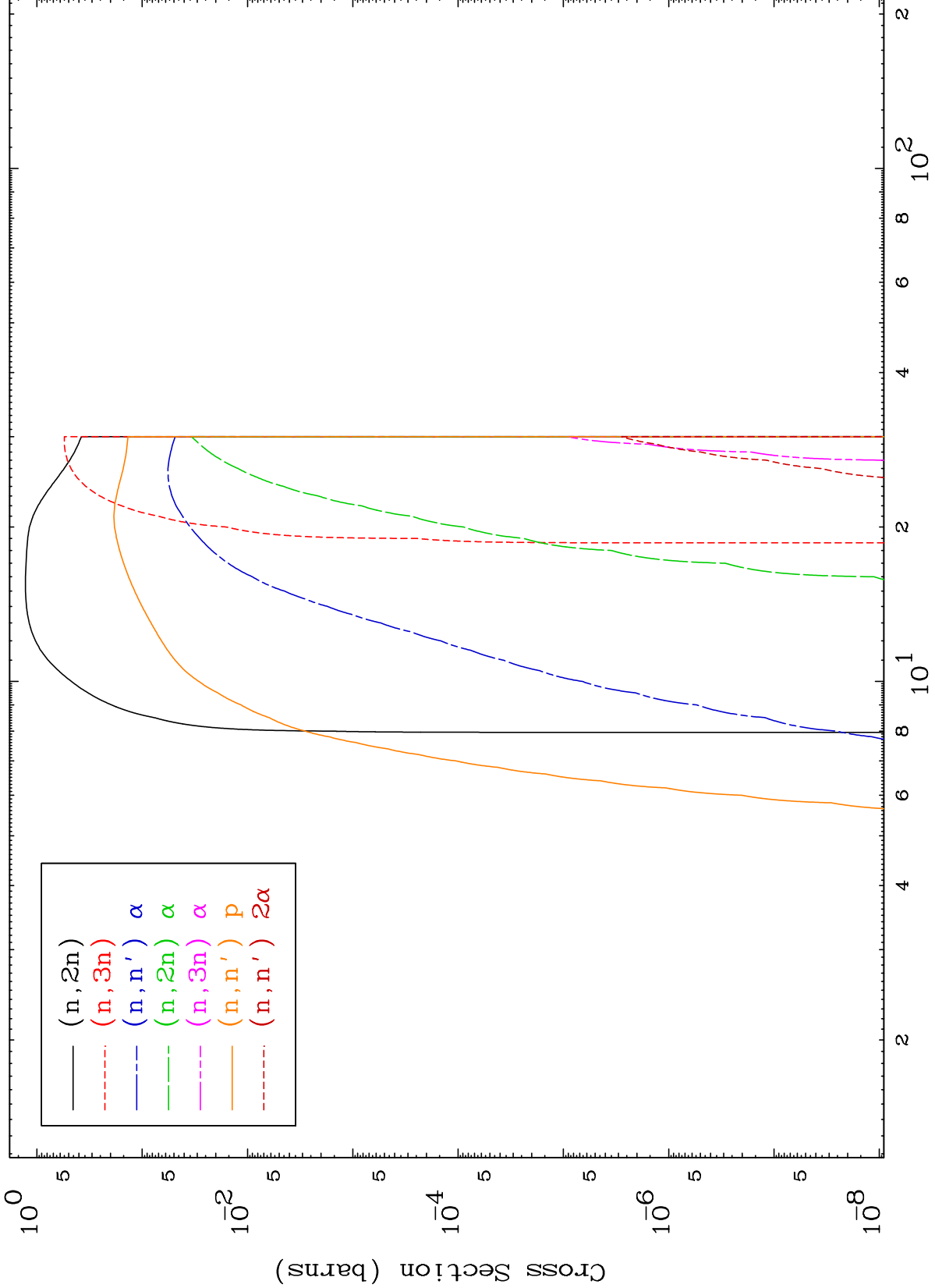
51-Sb-116



MAT 5110

Neutron Production
293 Kelvin Cross Sections

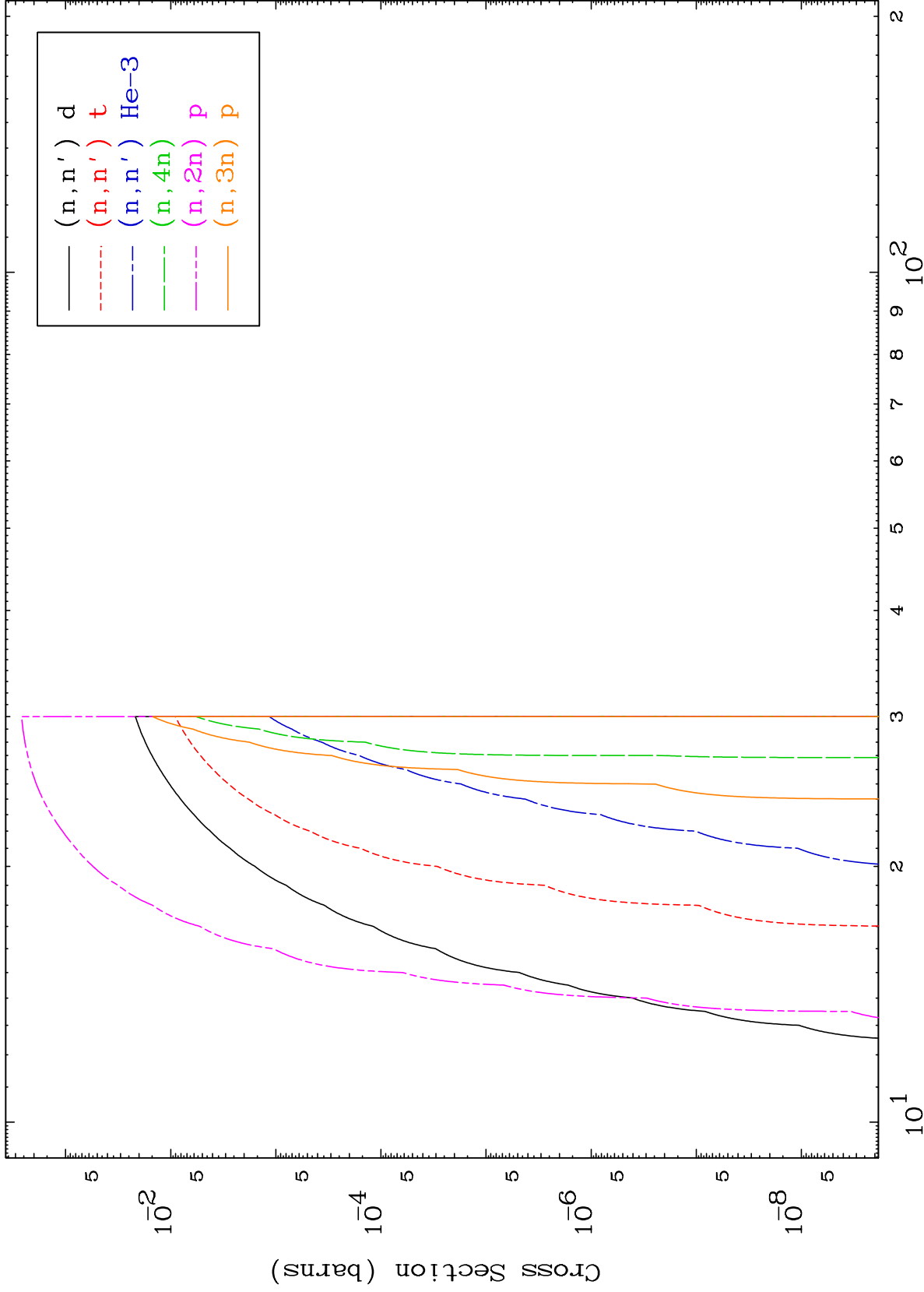
51-Sb-116

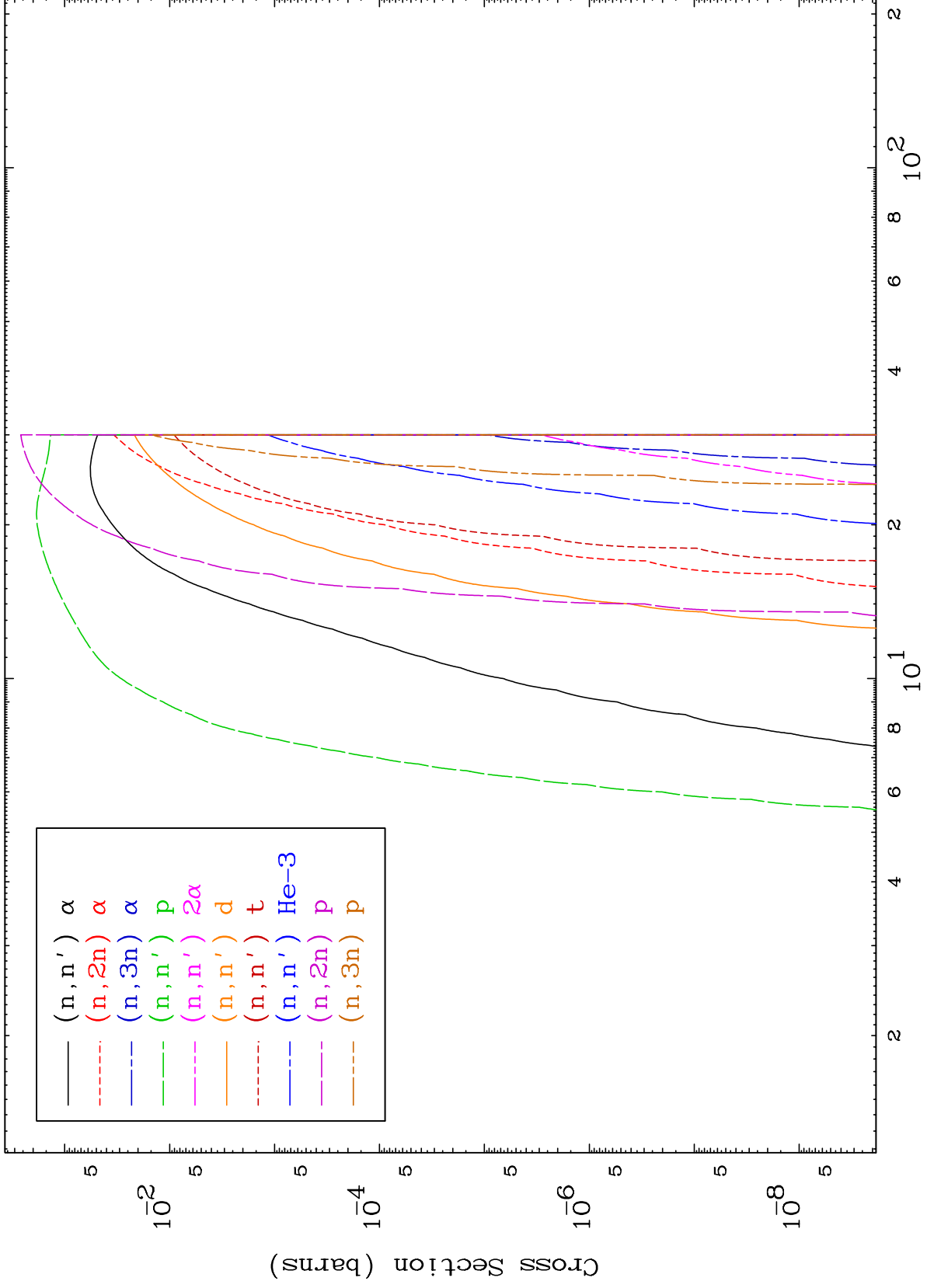


51-Sb-116

Incident Energy (MeV)

2

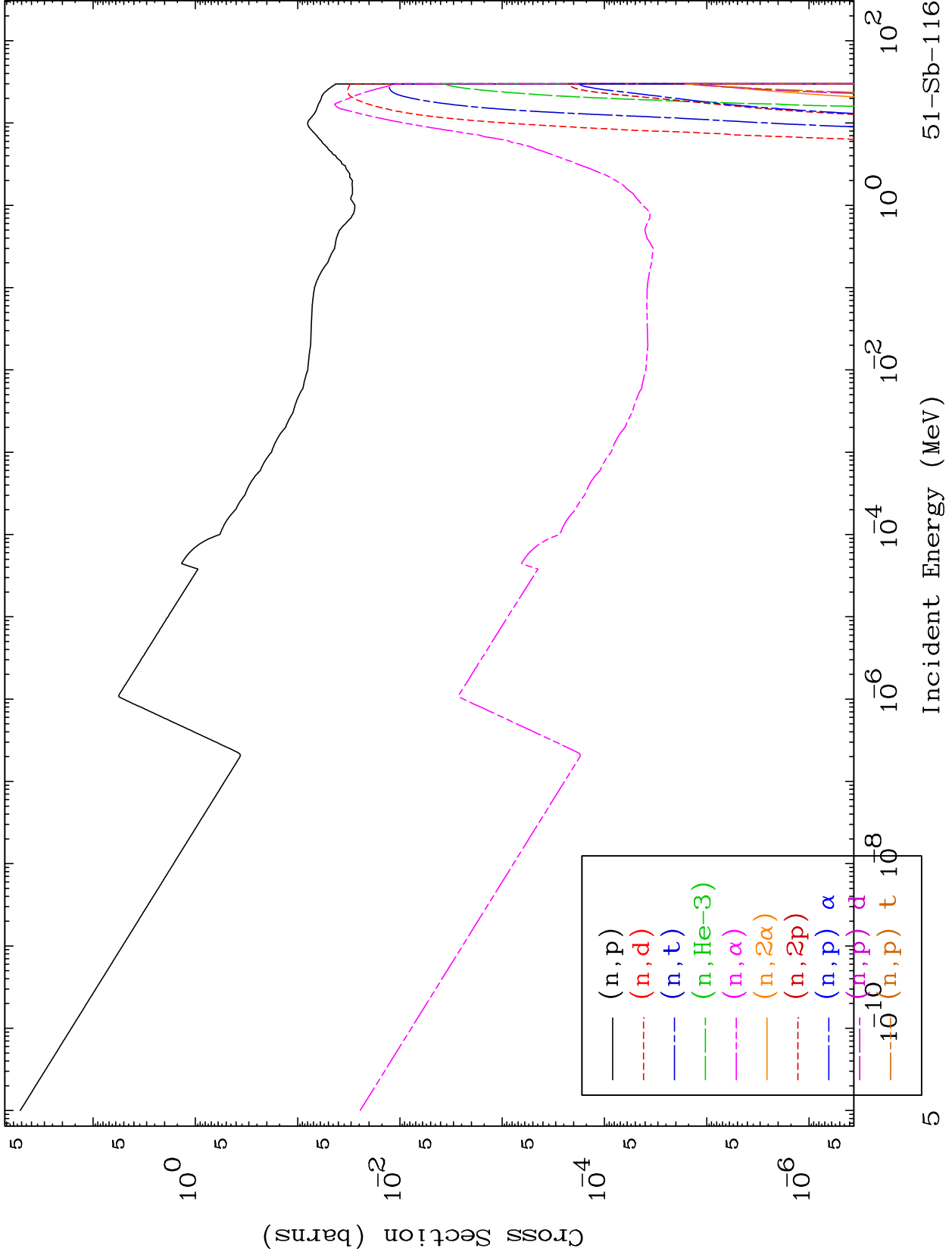




MAT 5110

Charged Particle
293 Kelvin Cross Sections

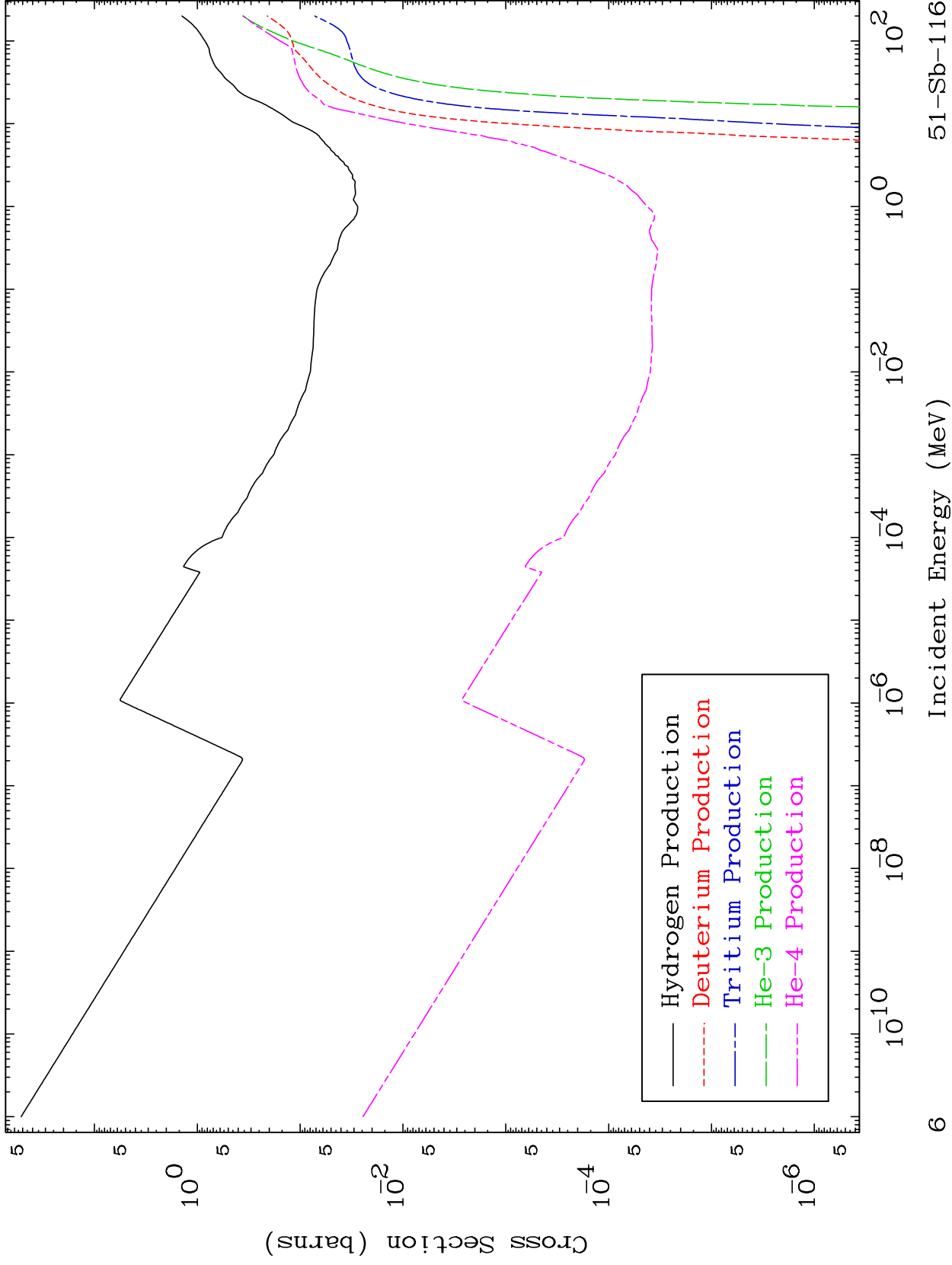
51-Sb-116



MAT 5110

Particle Production
293 Kelvin Cross Sections

51-Sb-116

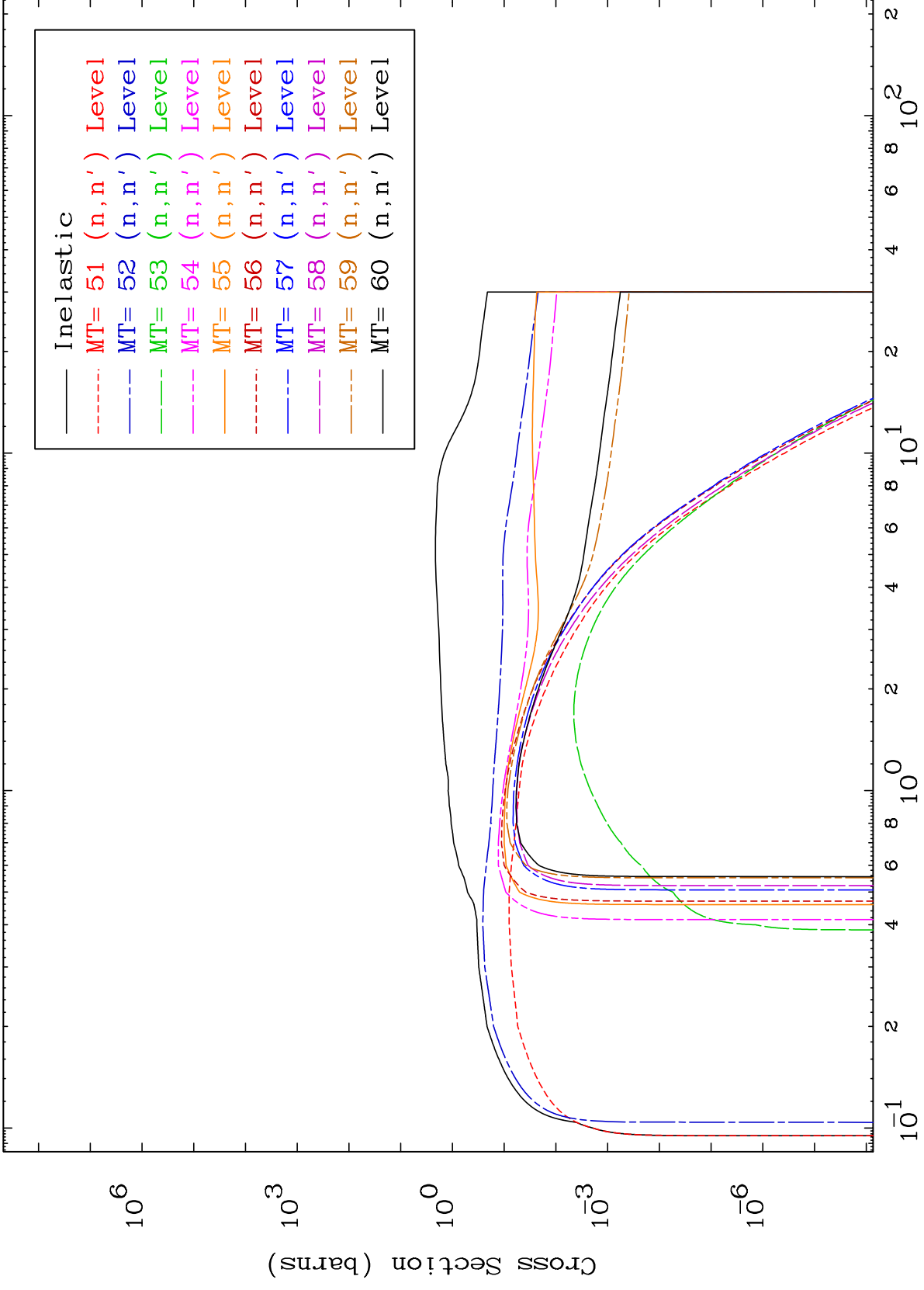


MAT 5110

(n,n') Level

51-Sb-116

293 Kelvin Cross Sections



Incident Energy (MeV)

51-Sb-116

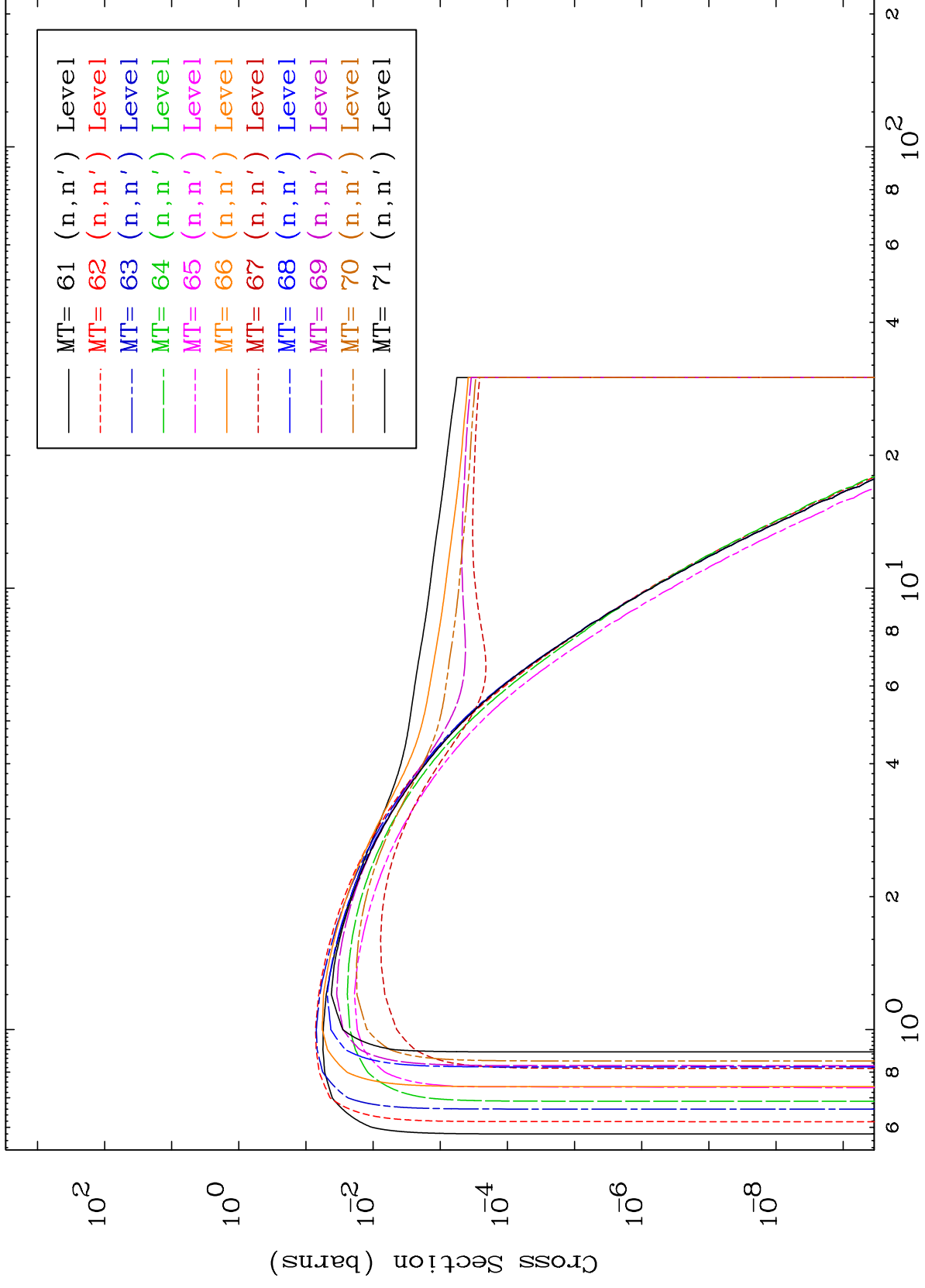
7

MAT 5110

(n,n') Level

51-Sb-116

293 Kelvin Cross Sections

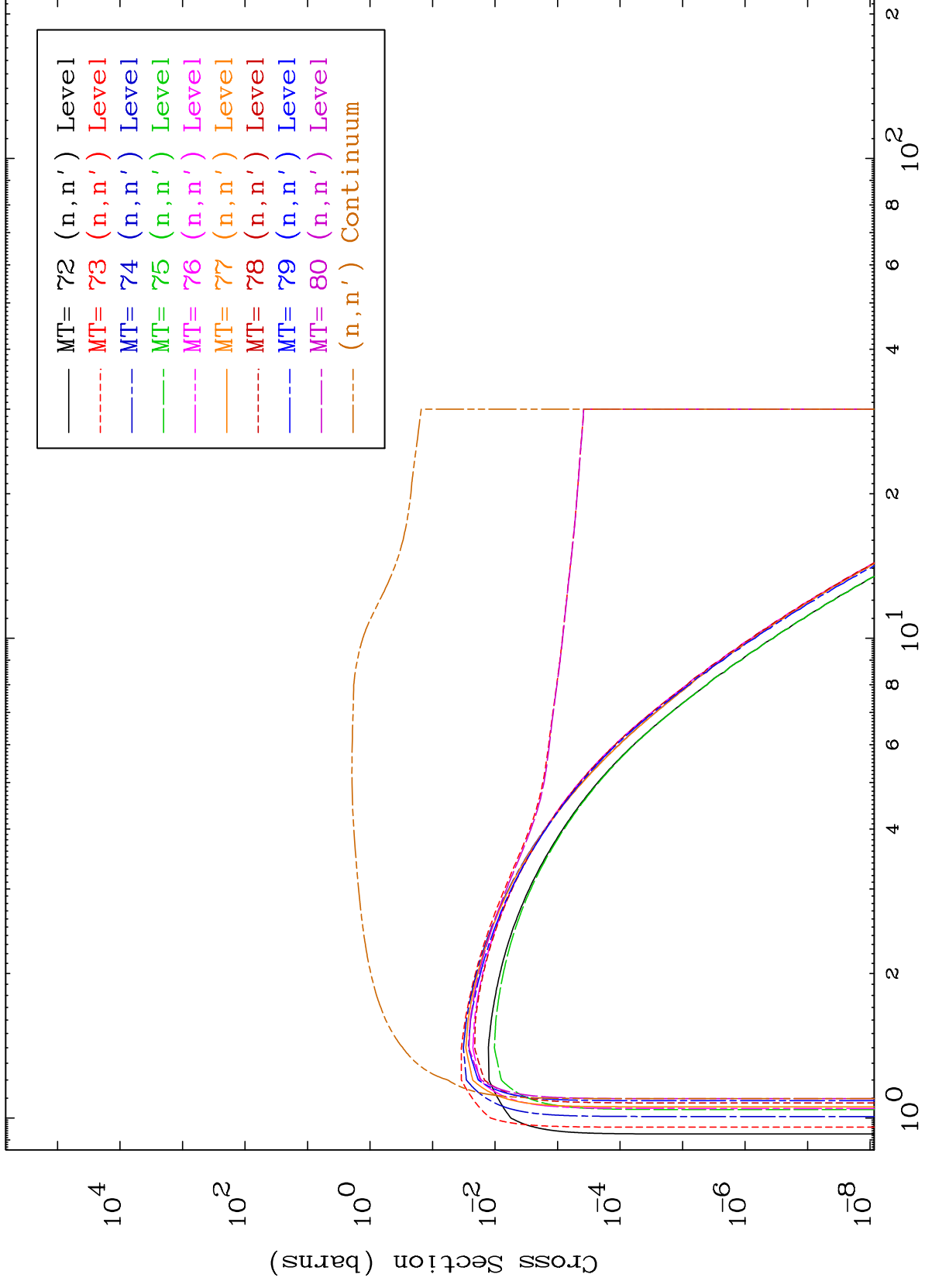


8

Incident Energy (MeV)

51-Sb-116

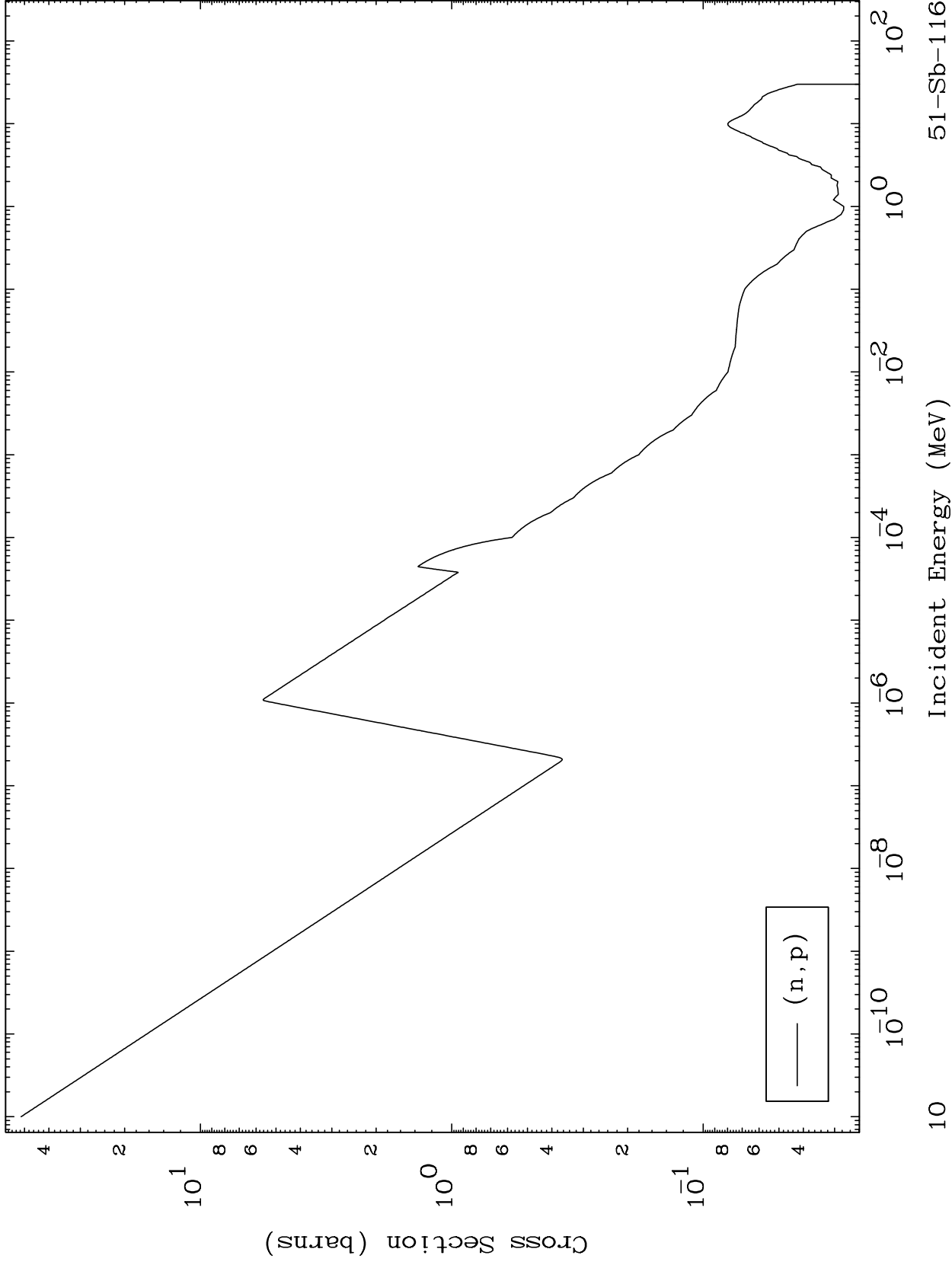
293 Kelvin Cross Sections



MAT 5110

(n,p) Levels
293 Kelvin Cross Sections

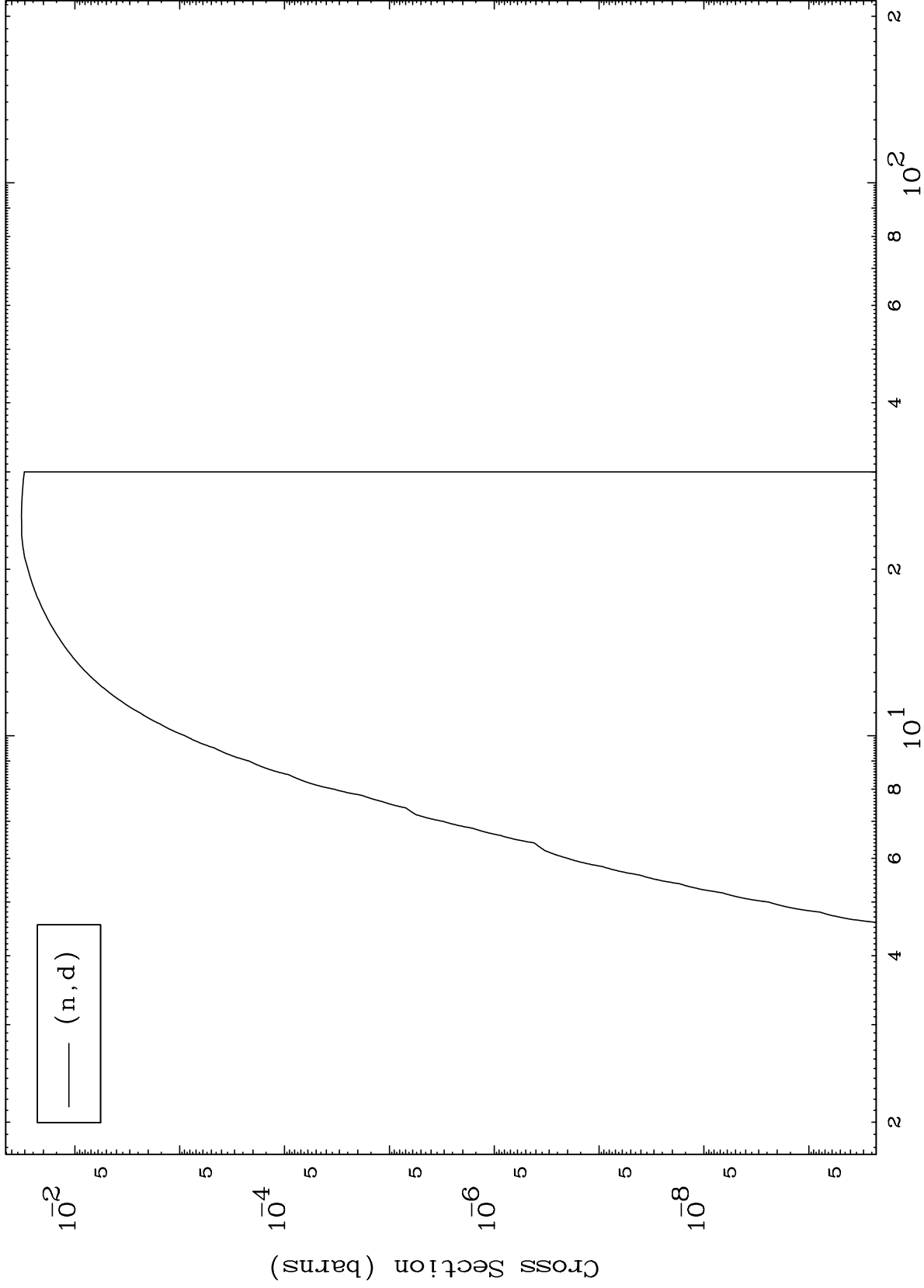
51-Sb-116



MAT 5110

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-116



11

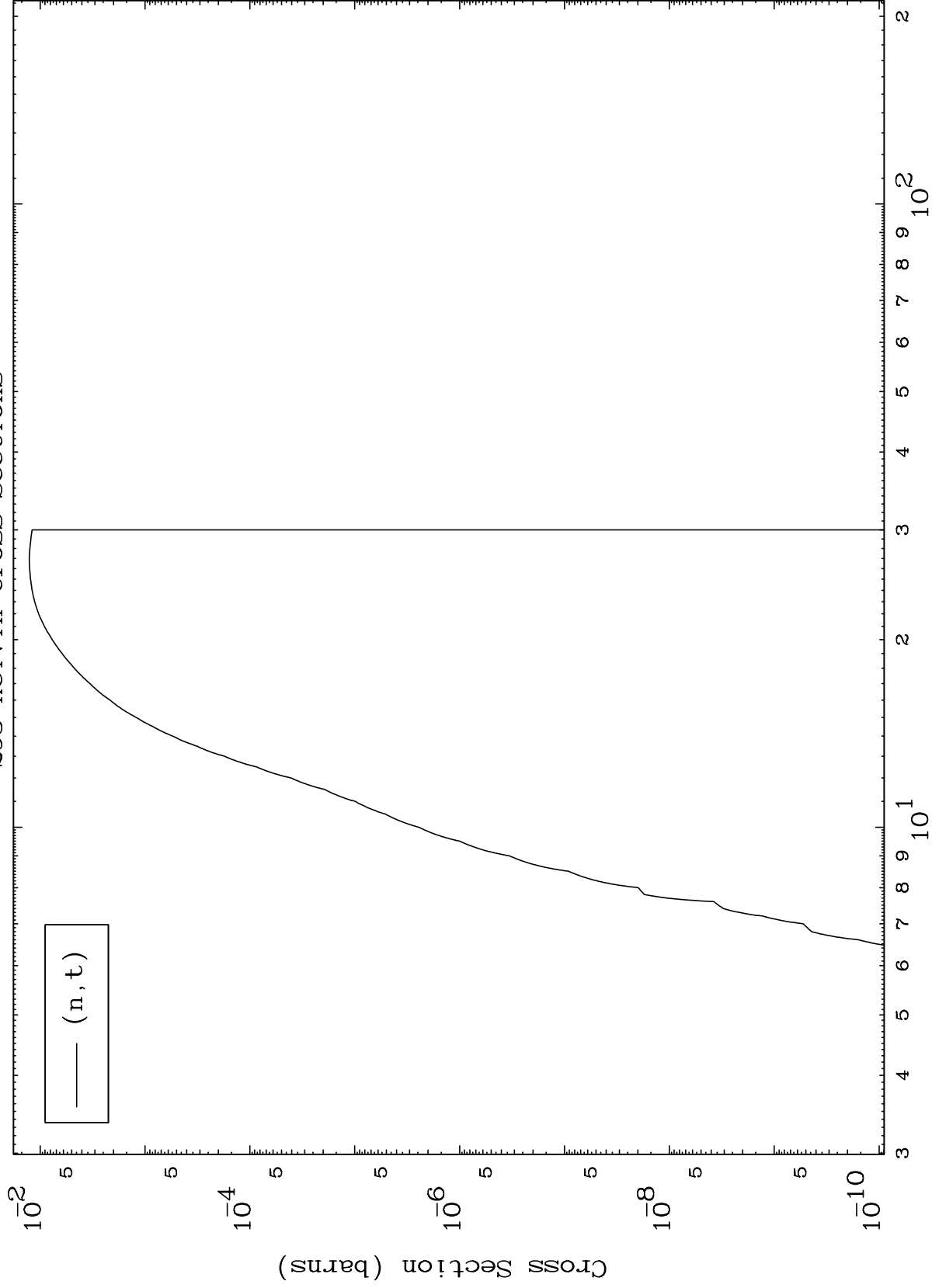
Incident Energy (MeV)

51-Sb-116

MAT 5110

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-116



12

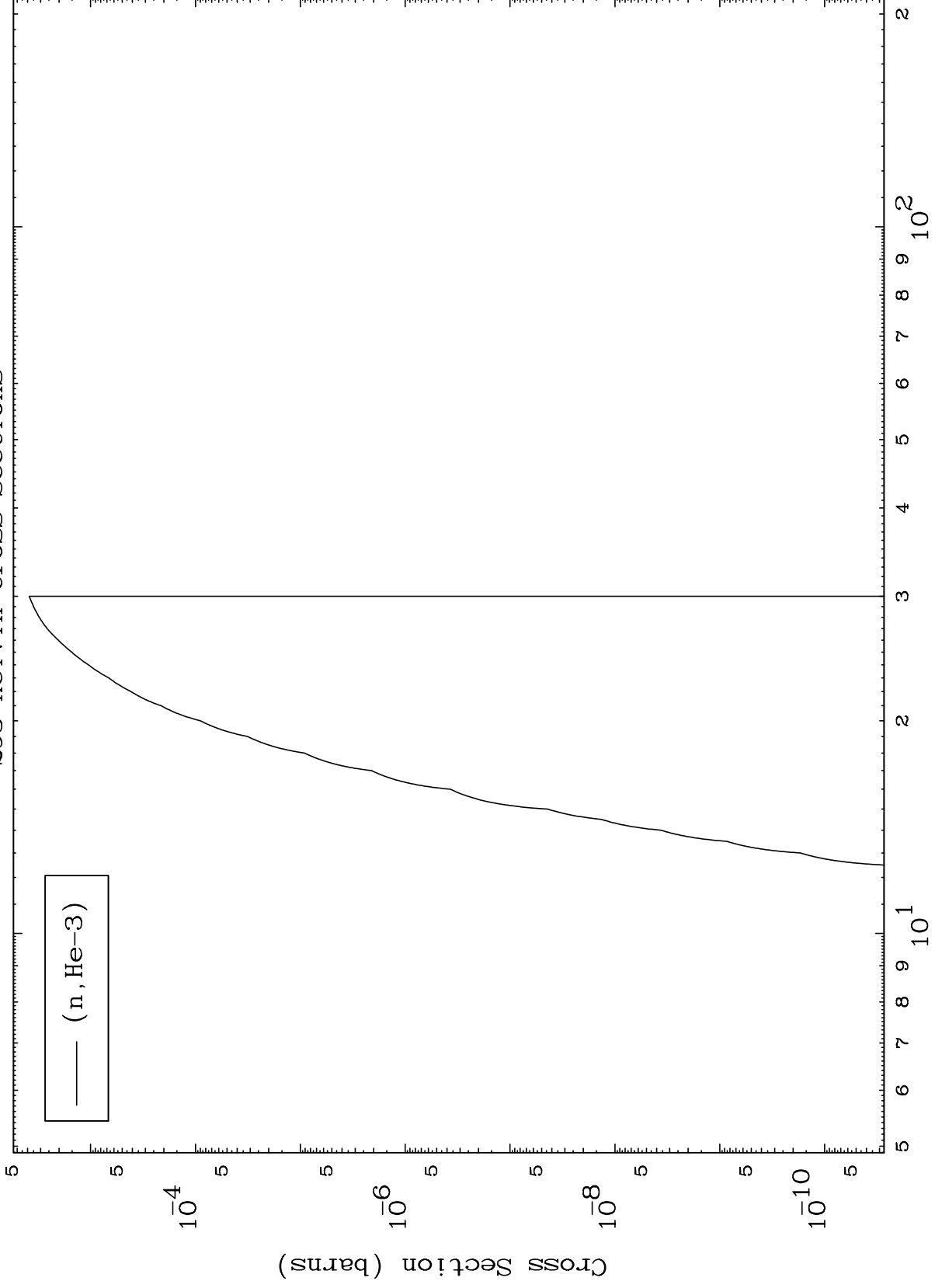
Incident Energy (MeV)

51-Sb-116

MAT 5110

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-116



13

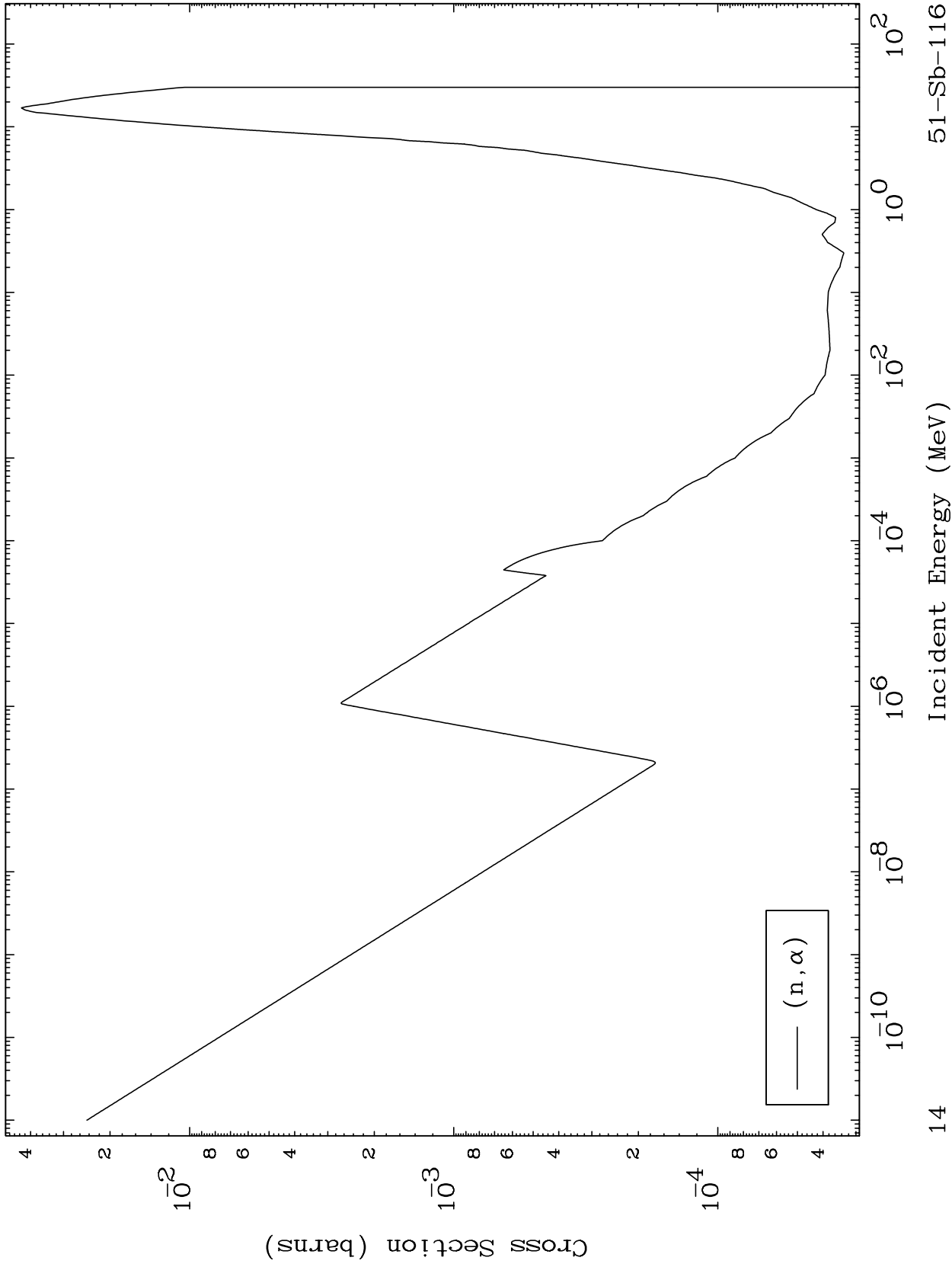
Incident Energy (MeV)

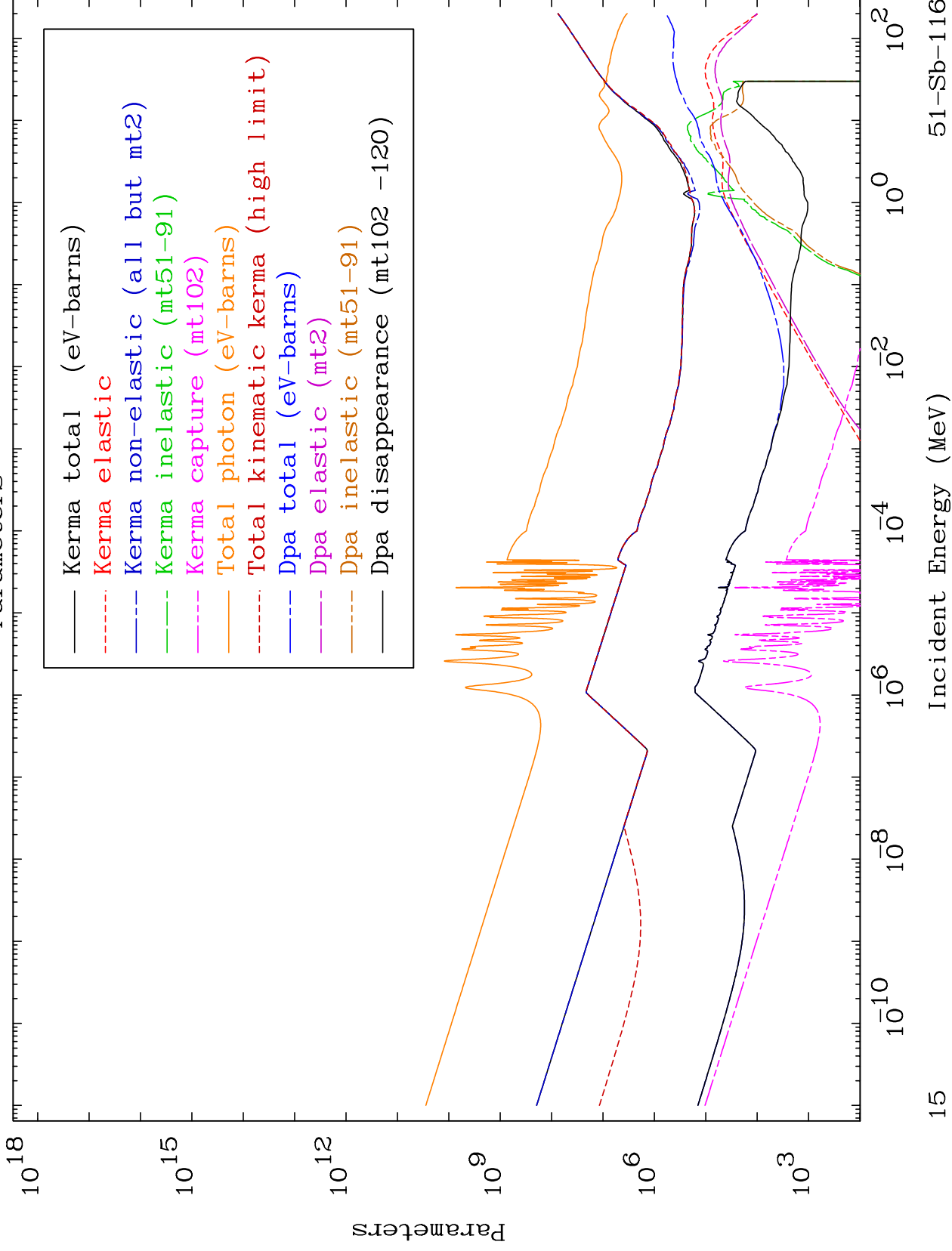
51-Sb-116

MAT 5110

(n,α) Levels
293 Kelvin Cross Sections

51-Sb-116

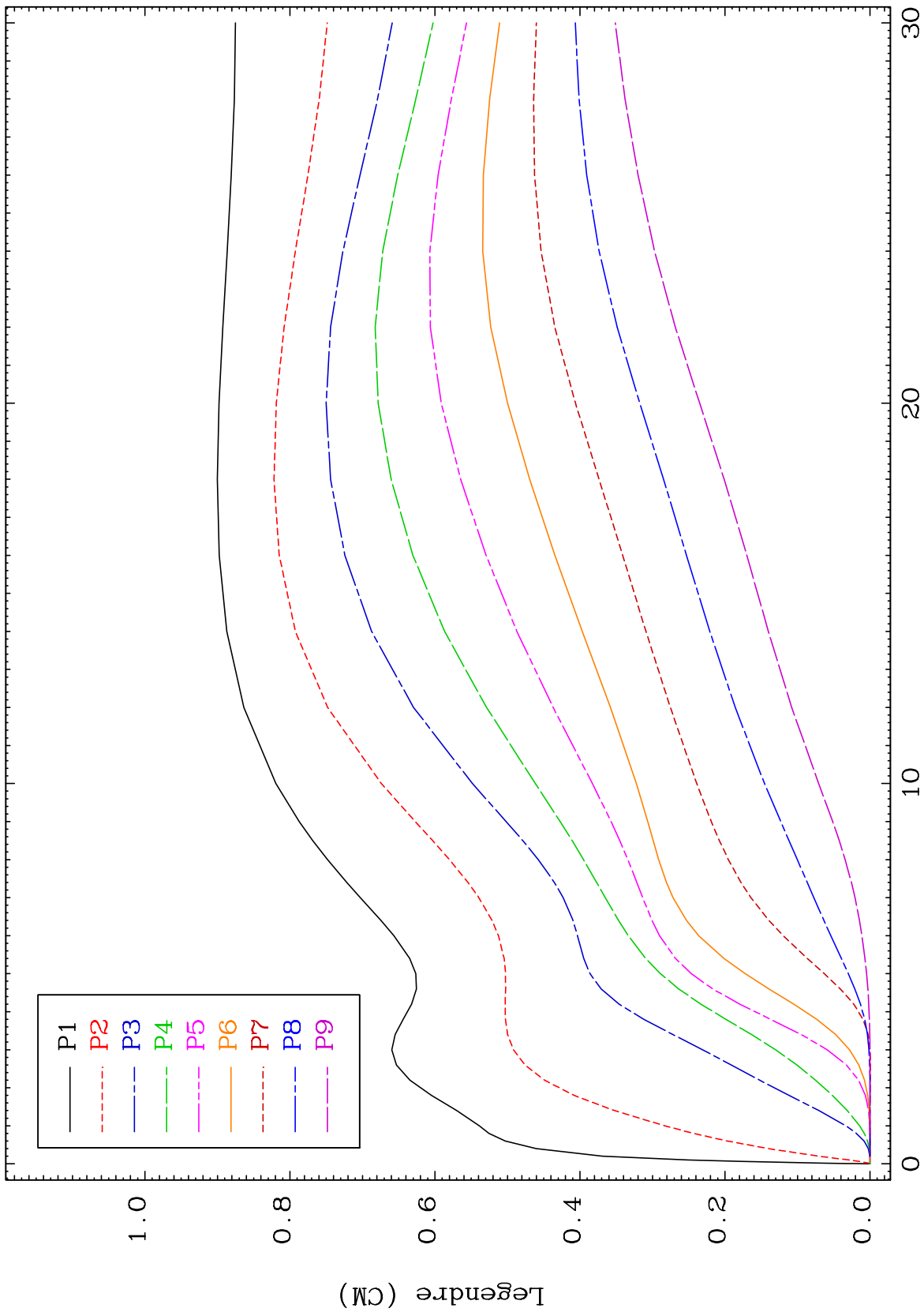




MAT 5110

Elastic Legendre Coefficients

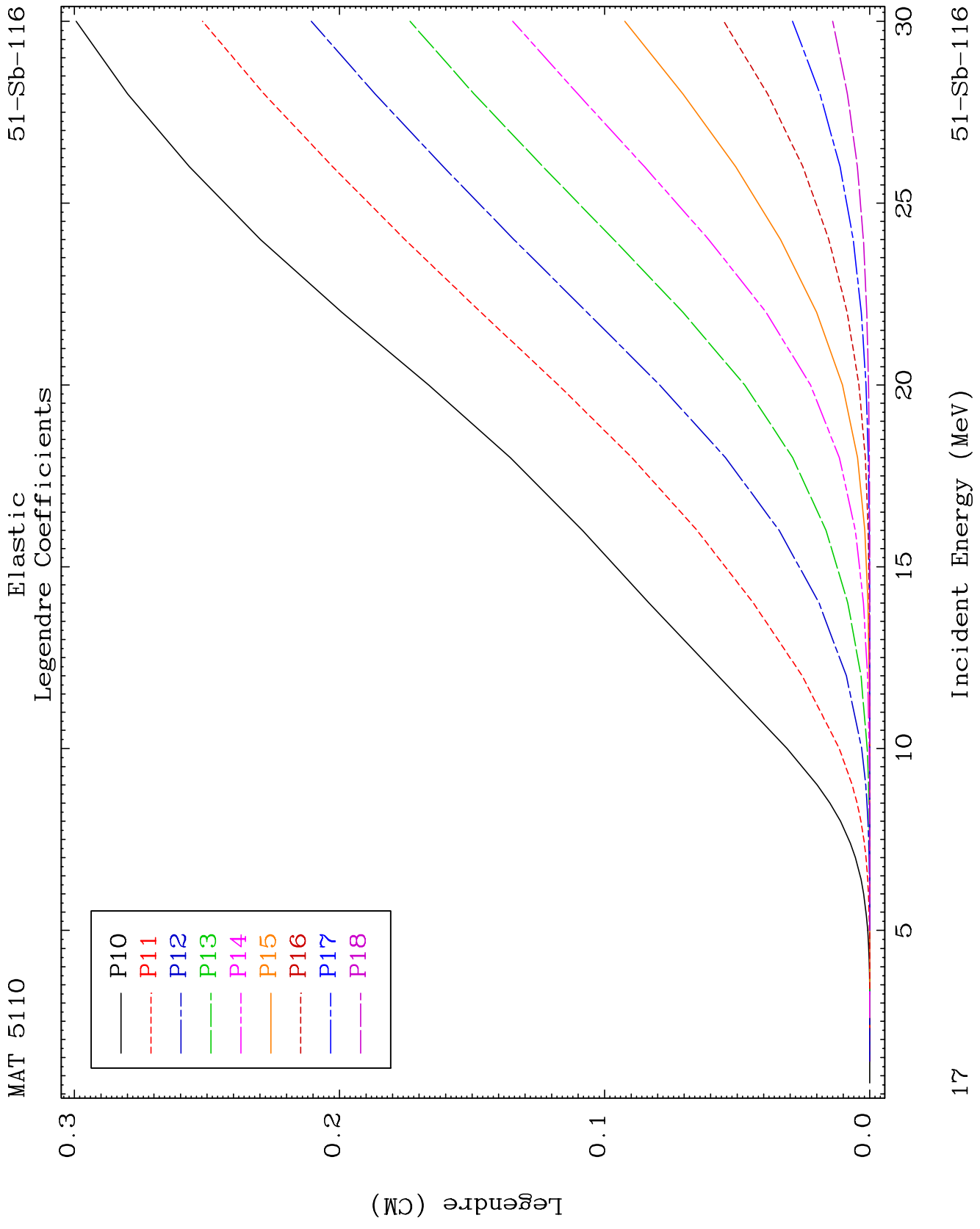
51-Sb-116



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Incident Energy (MeV)

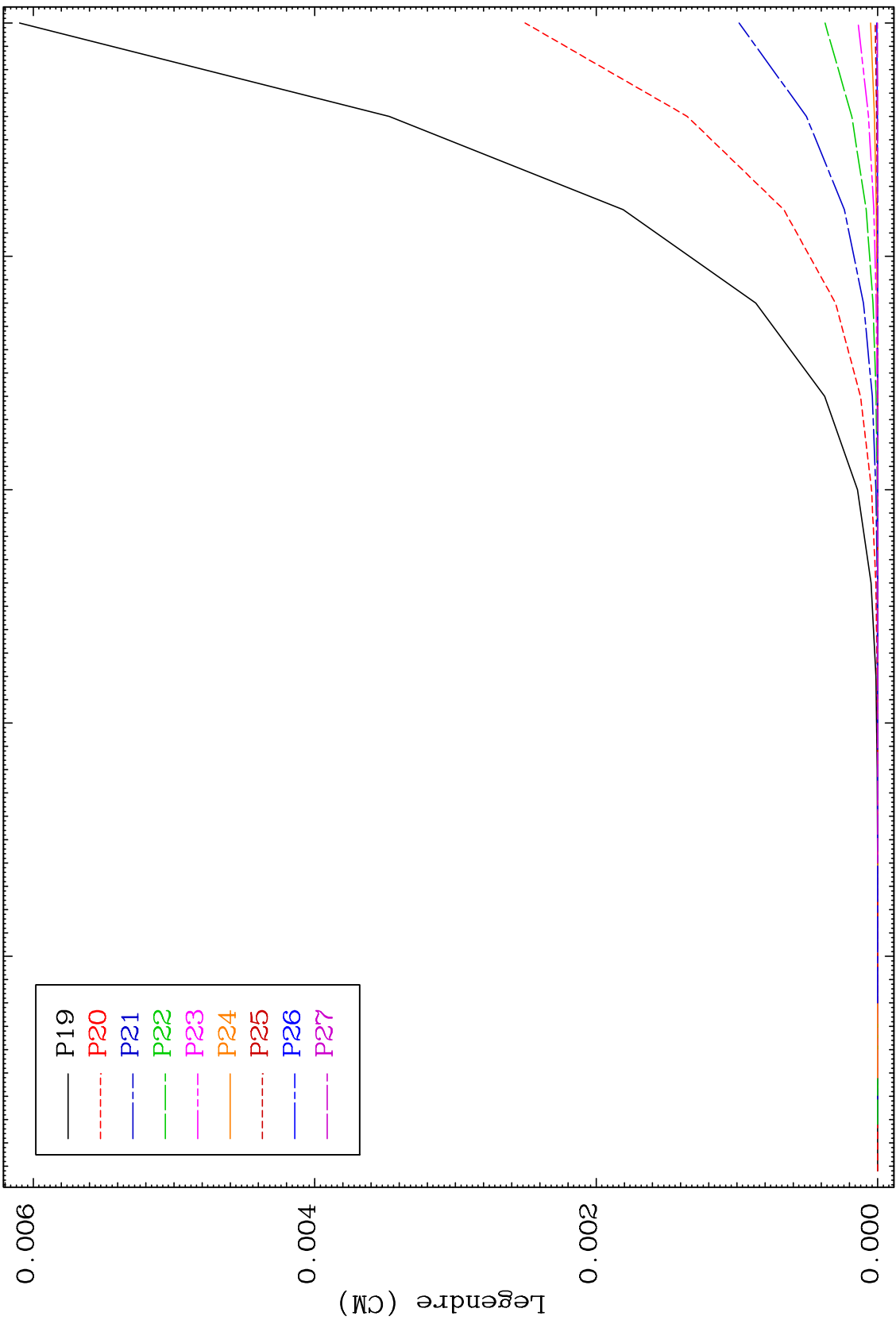
51-Sb-116



MAT 5110

Elastic Legendre Coefficients

51-Sb-116



18

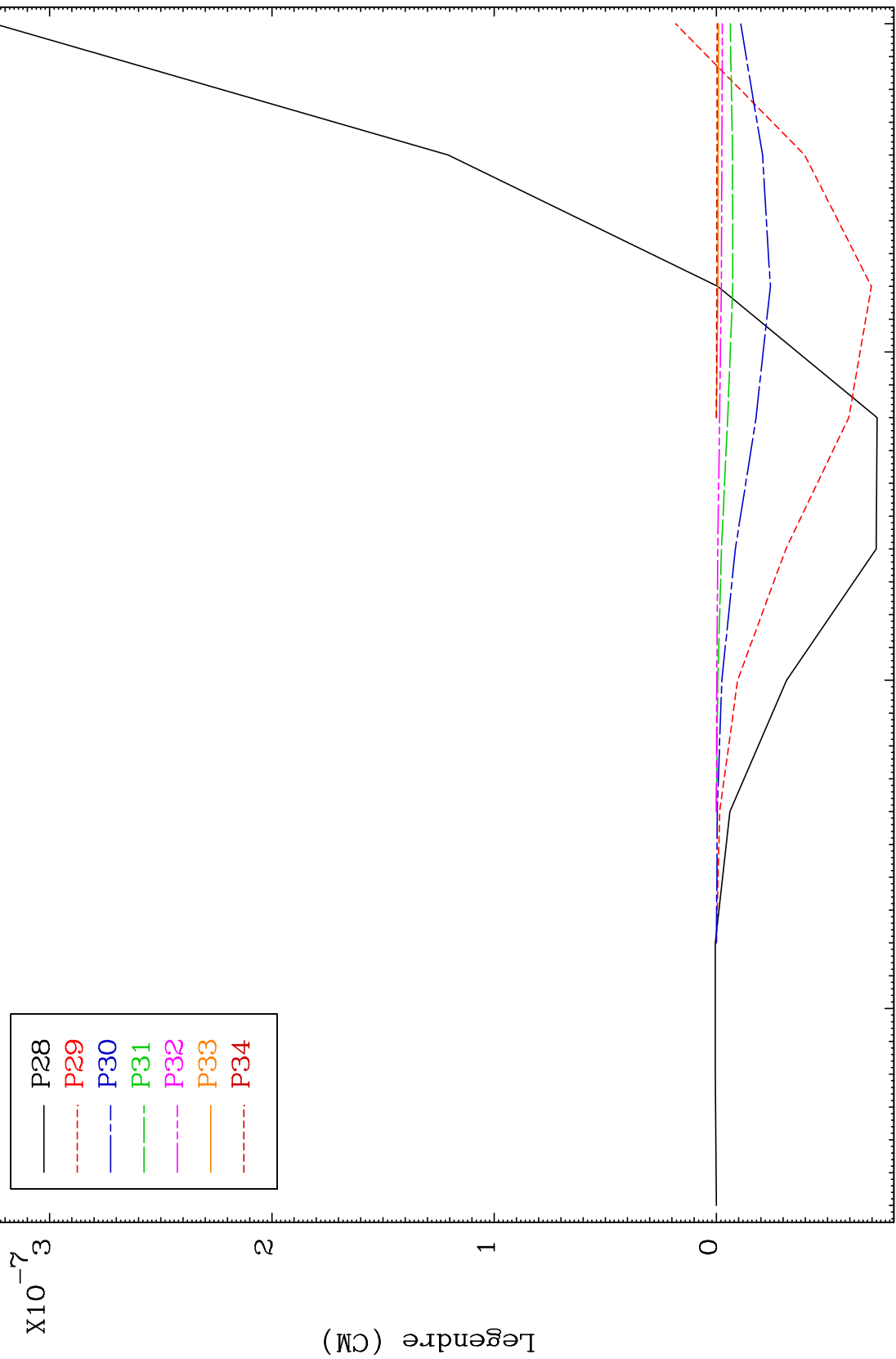
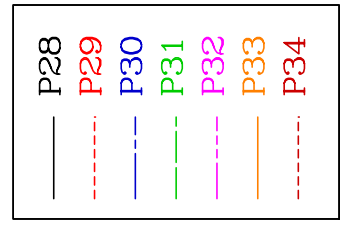
Incident Energy (MeV)

51-Sb-116

MAT 5110

Elastic Legendre Coefficients

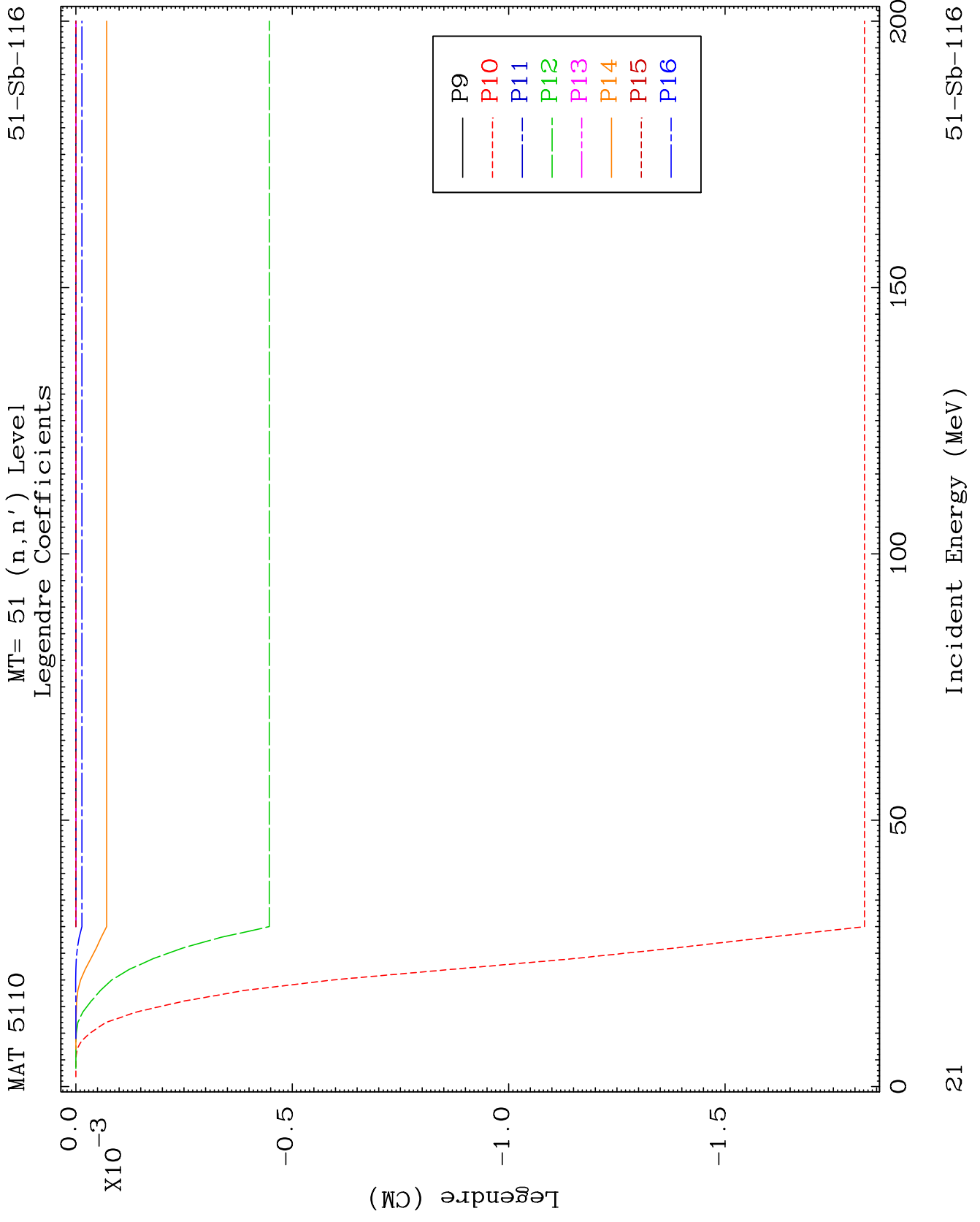
51-Sb-116

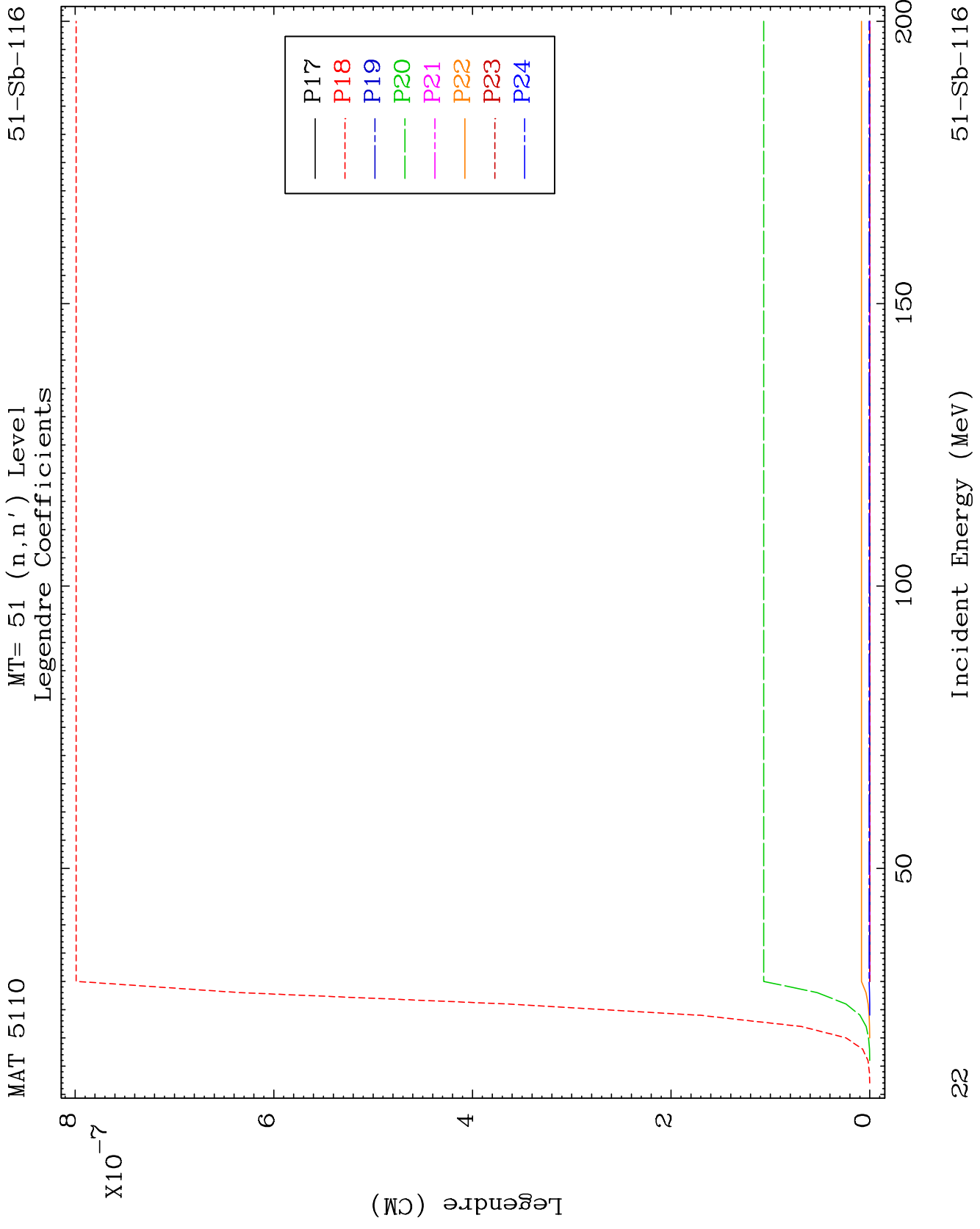


19

Incident Energy (MeV)

51-Sb-116

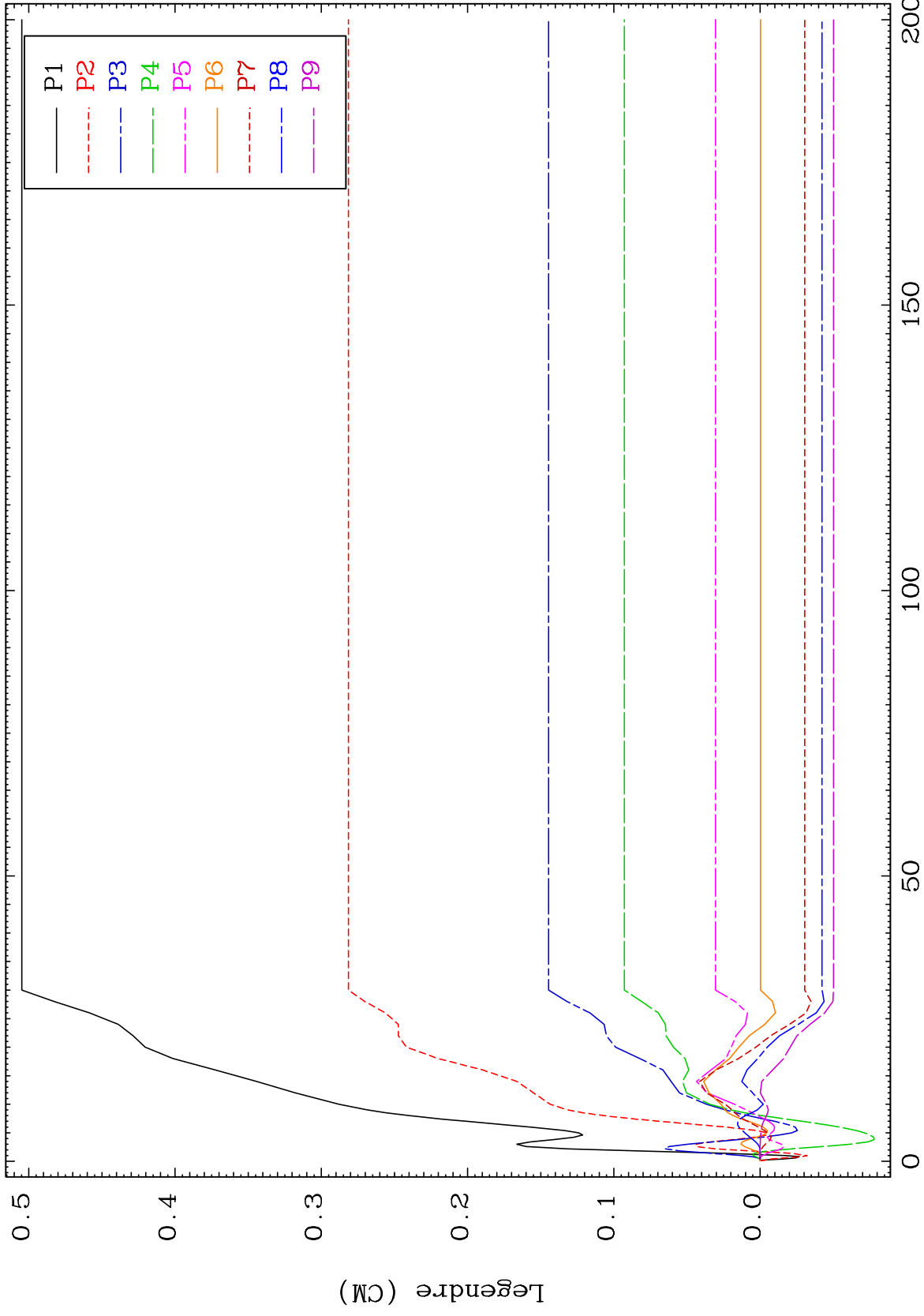




MAT 5110

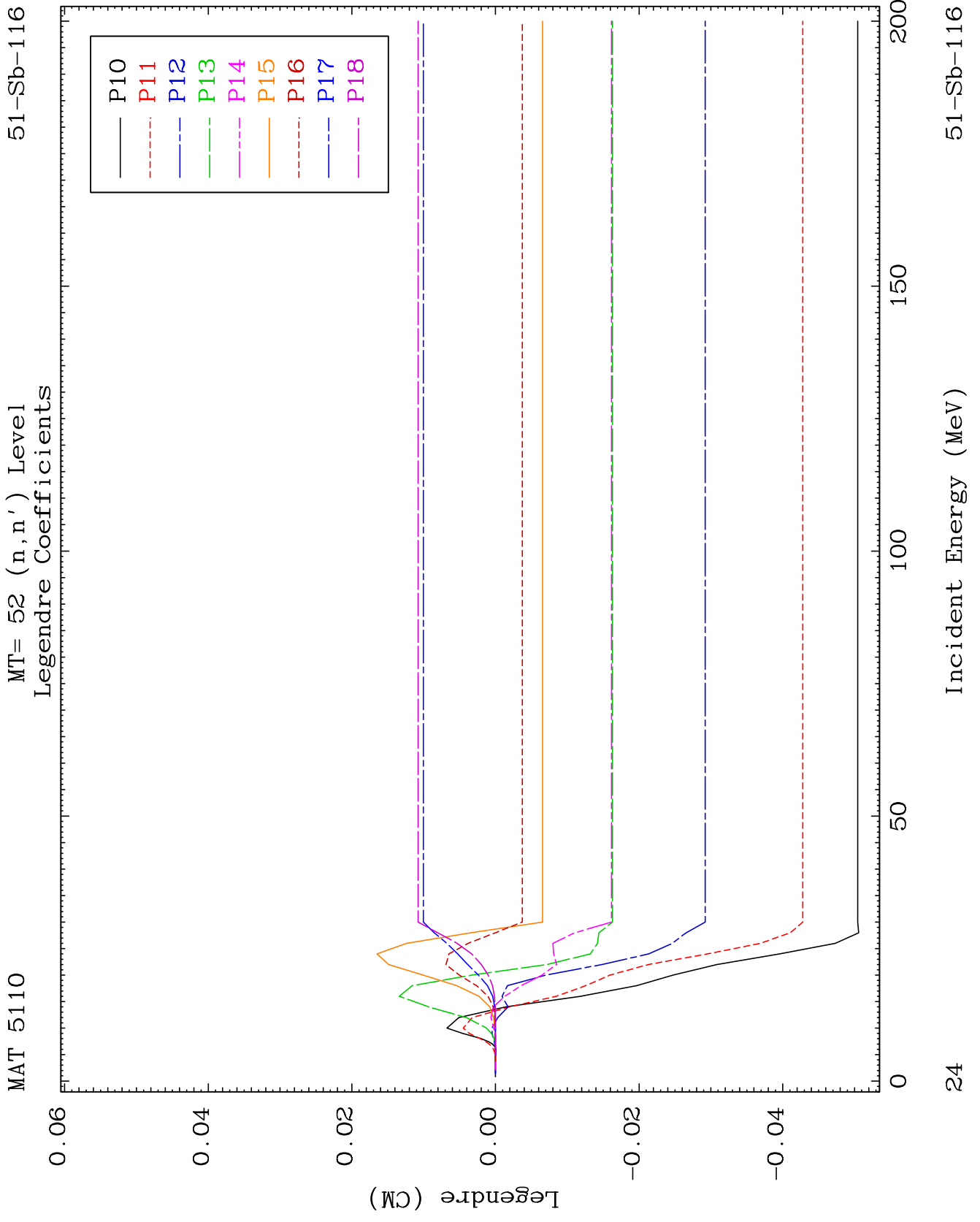
MT= 52 (n,n') Level
Legendre Coefficients

51-Sb-116



23

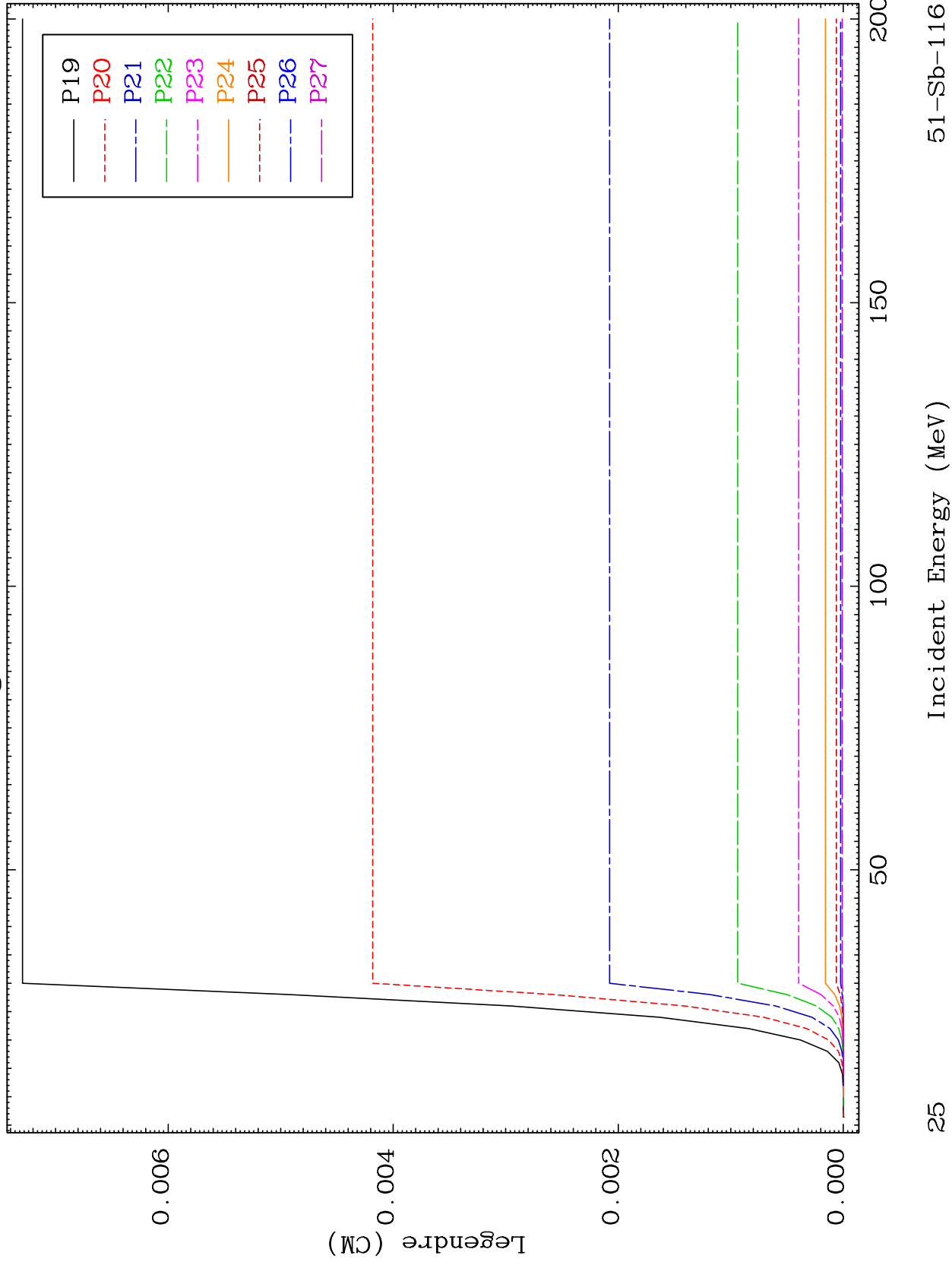
51-Sb-116



MAT 5110

MT= 52 (n,n') Level
Legendre Coefficients

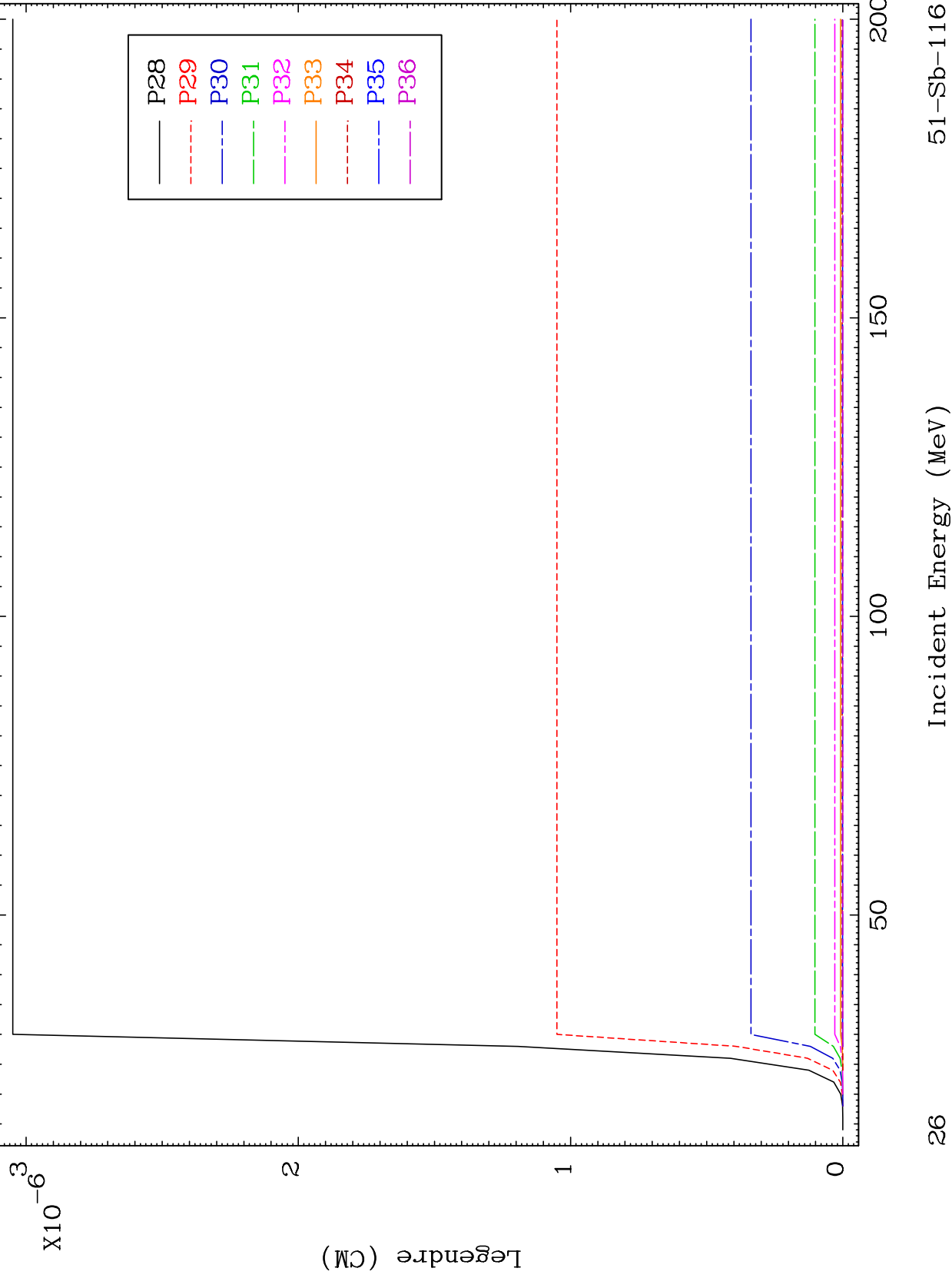
51-Sb-116



MAT 5110

MT= 52 (n,n') Level
Legendre Coefficients

51-Sb-116



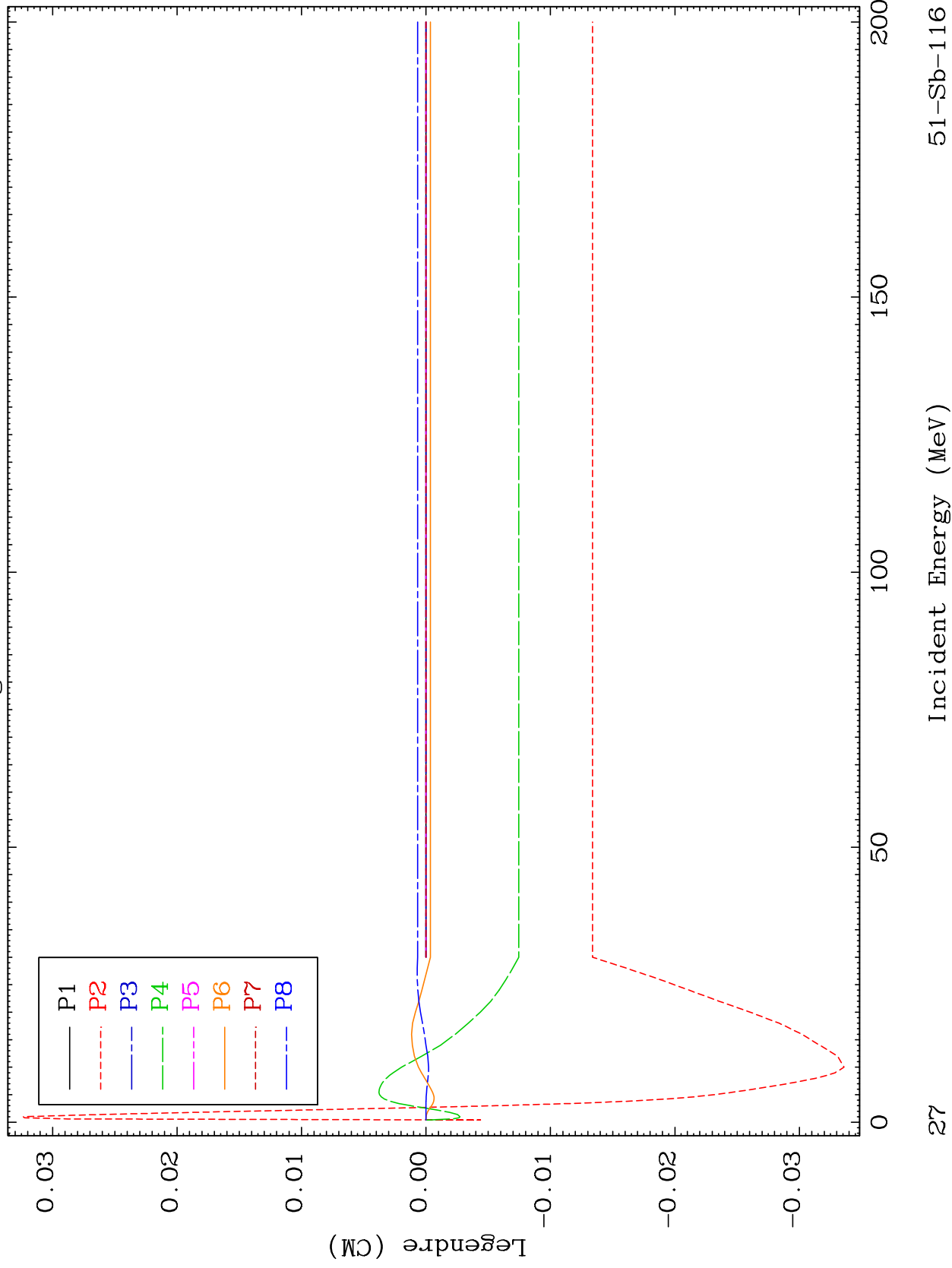
26

51-Sb-116

MAT 5110

MT= 53 (n,n') Level
Legendre Coefficients

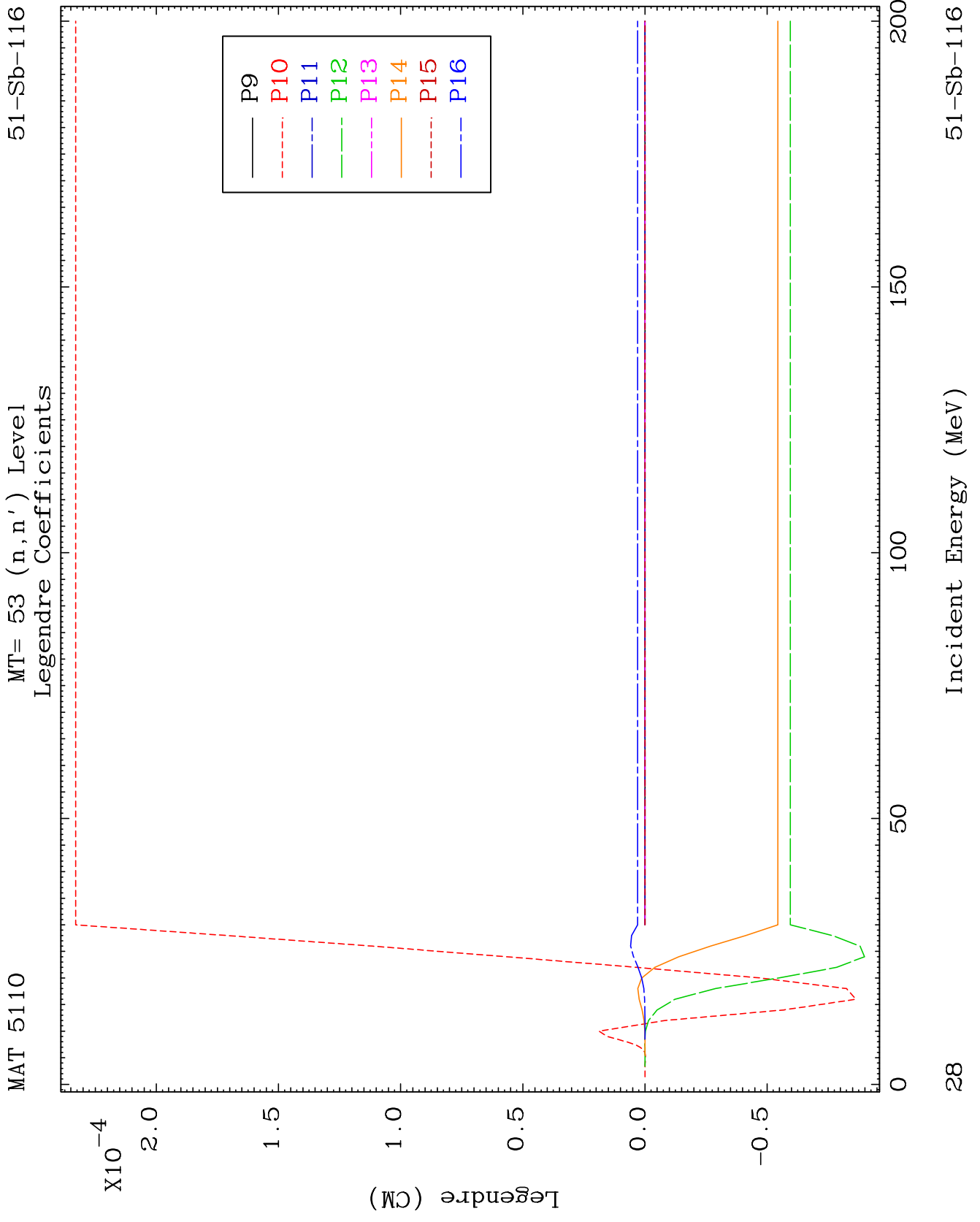
51-Sb-116

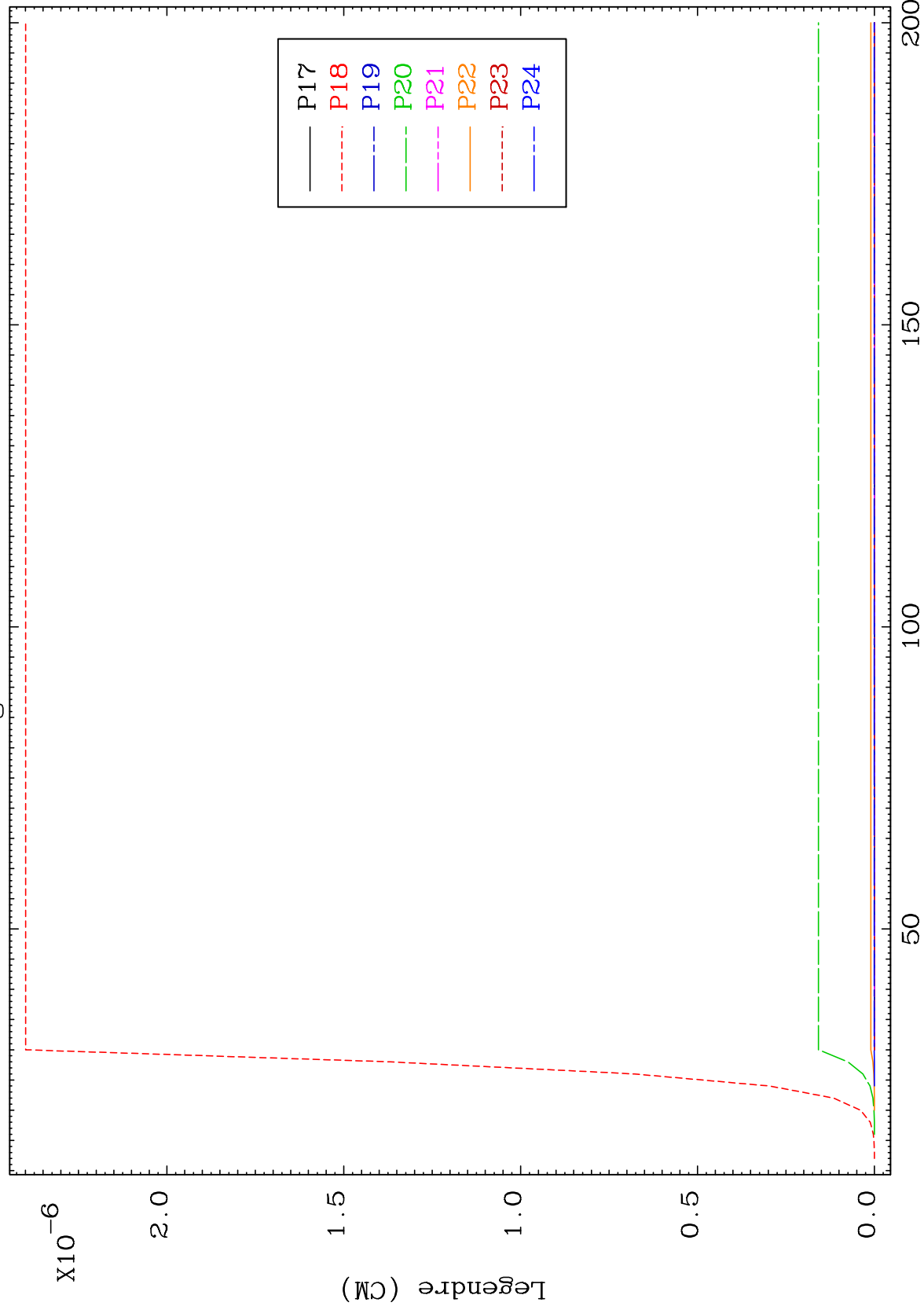


51-Sb-116

Incident Energy (MeV)

27

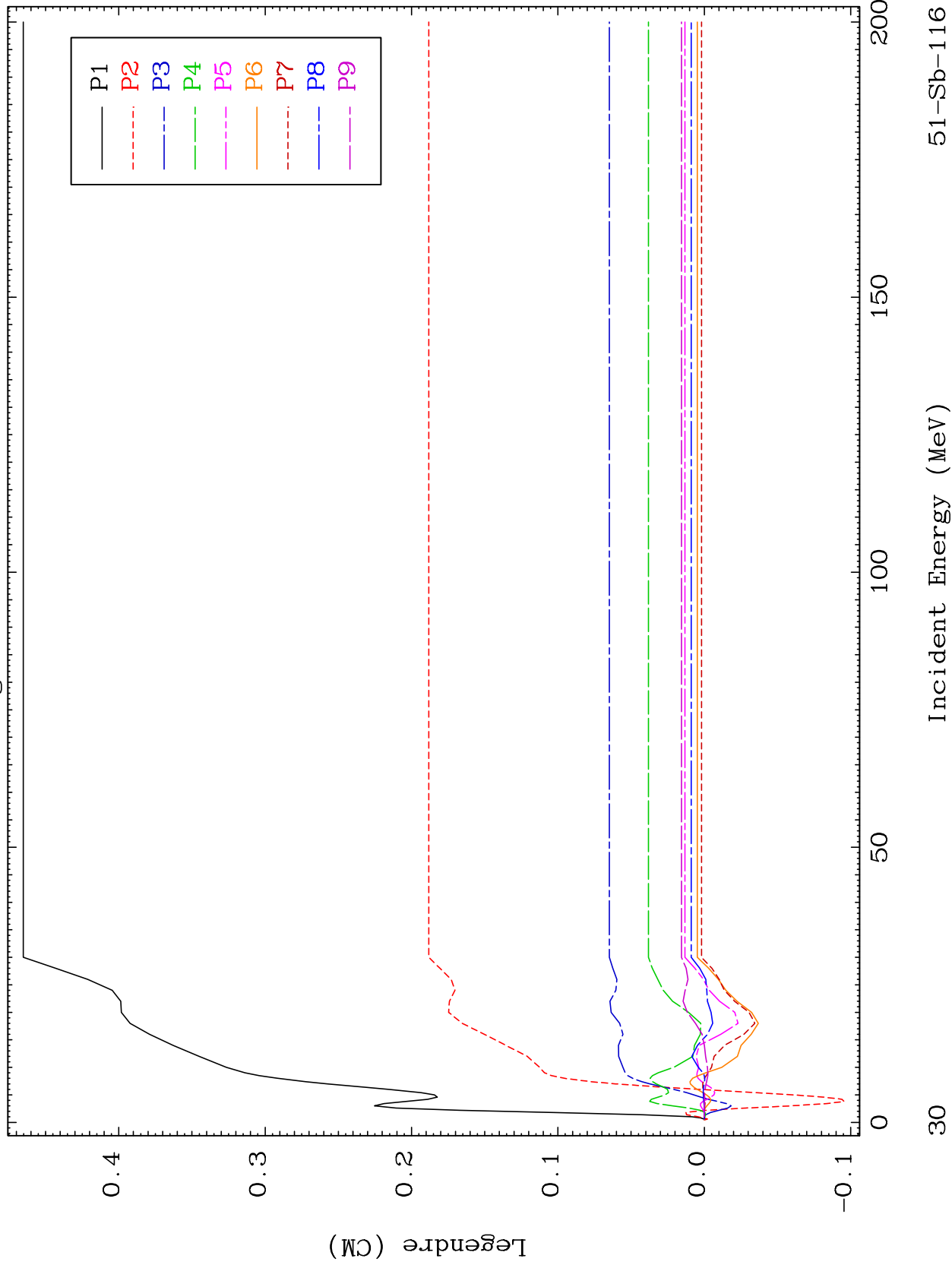




MAT 5110

MT= 54 (n,n') Level
Legendre Coefficients

51-Sb-116



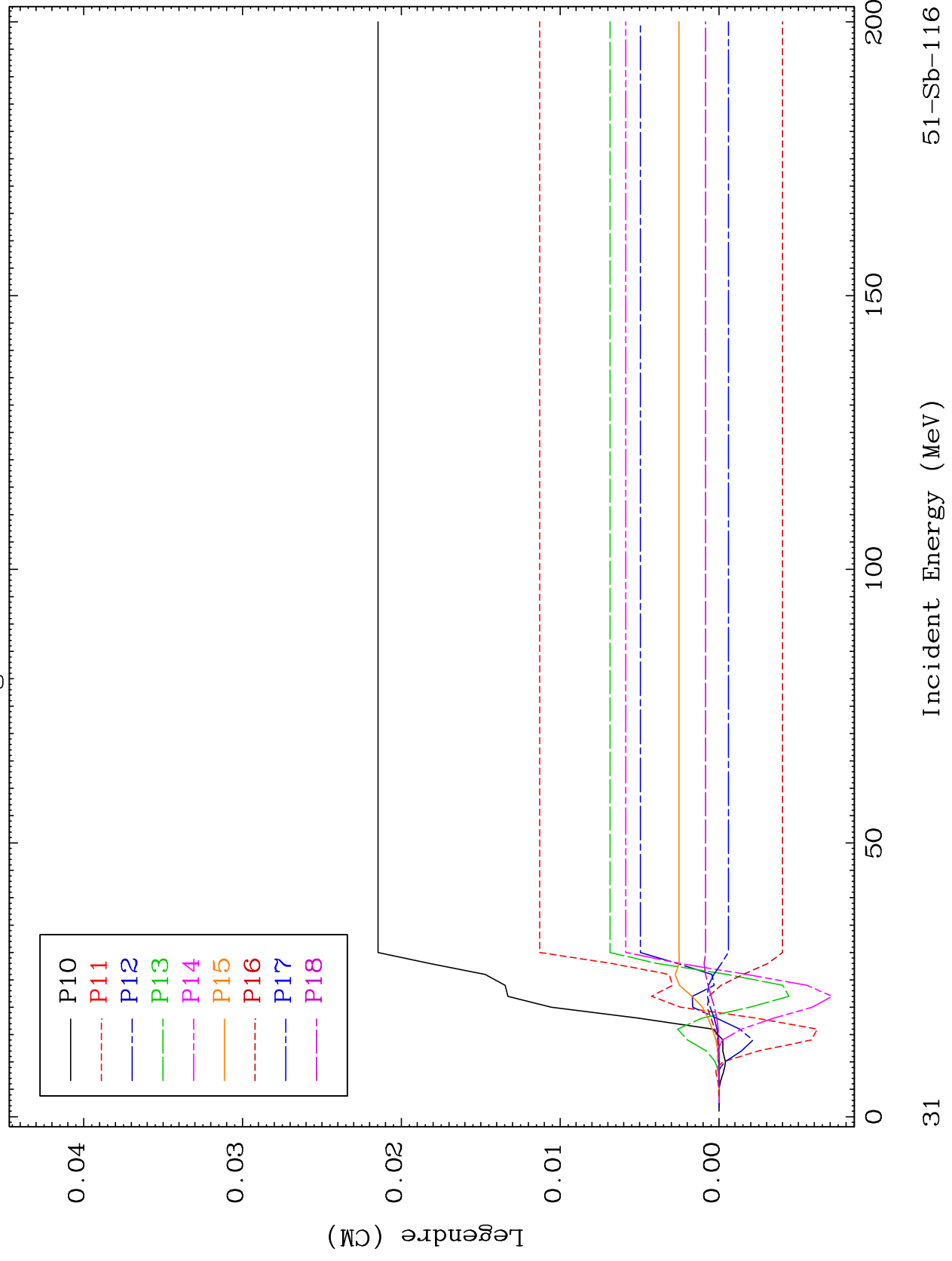
51-Sb-116

Incident Energy (MeV)

MAT 5110

MT= 54 (n,n') Level
Legendre Coefficients

51-Sb-116



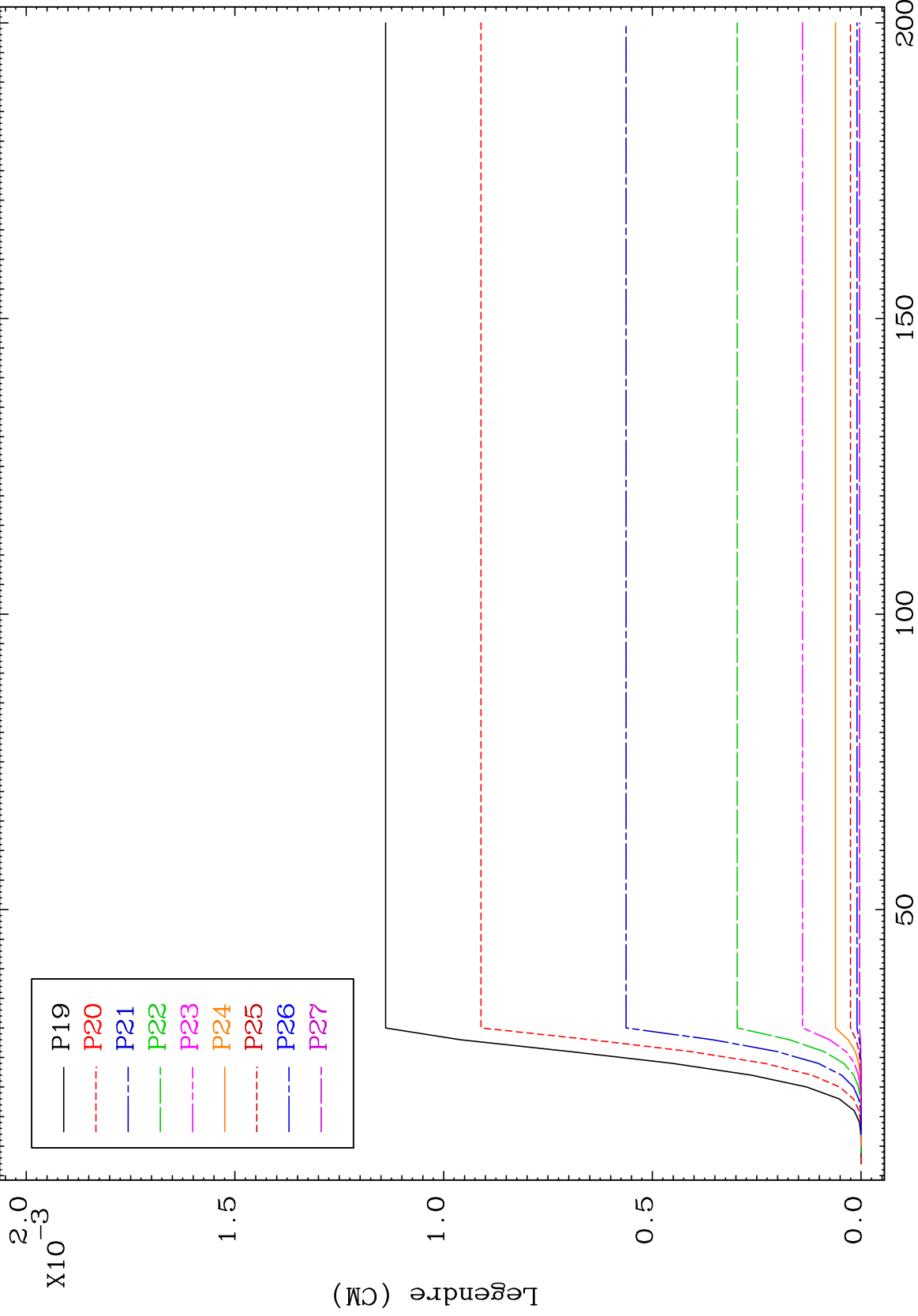
31

51-Sb-116

MAT 5110

MT= 54 (n,n') Level
Legendre Coefficients

51-Sb-116



32

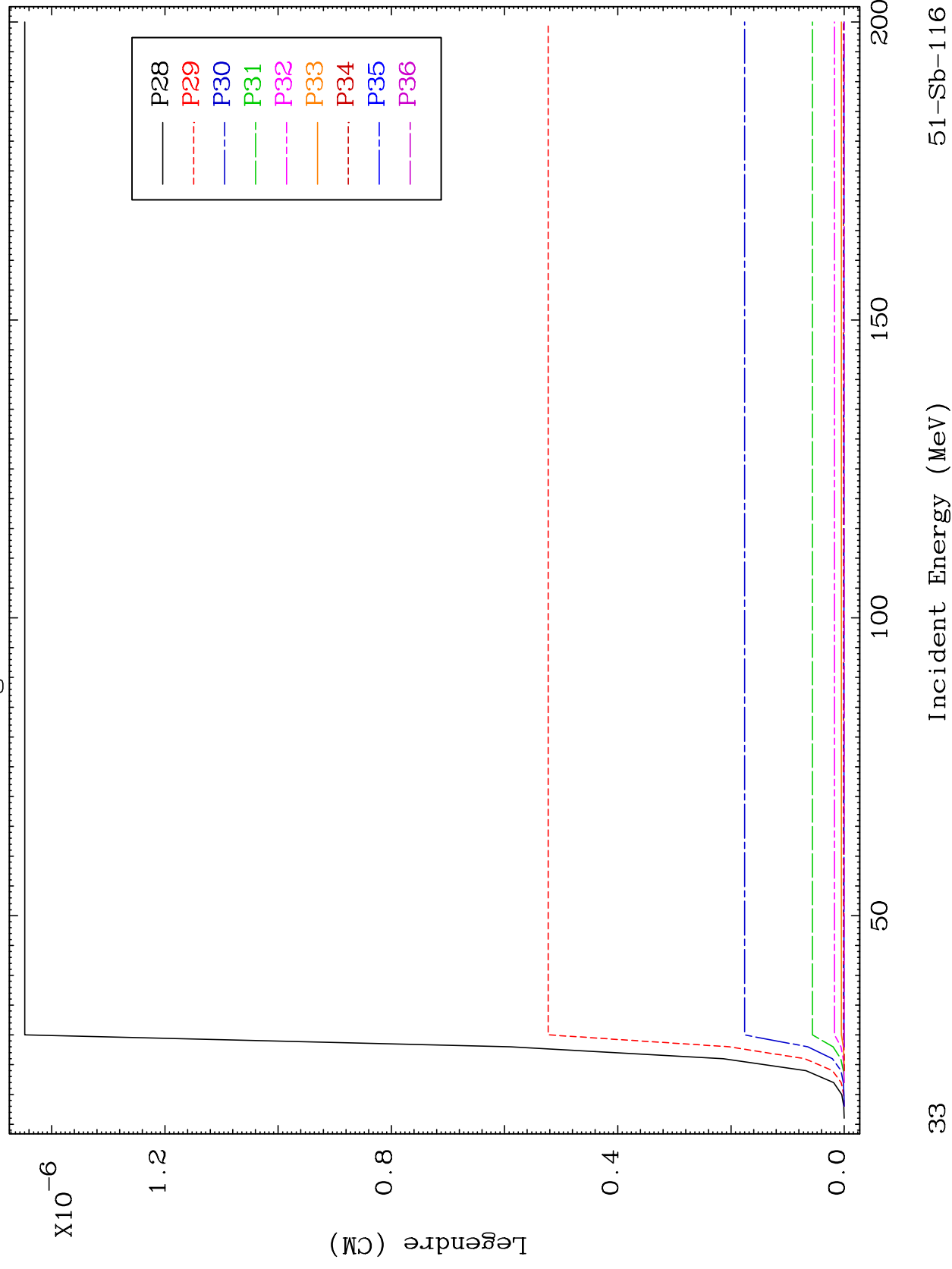
Incident Energy (MeV)

51-Sb-116

MAT 5110

MT= 54 (n,n') Level
Legendre Coefficients

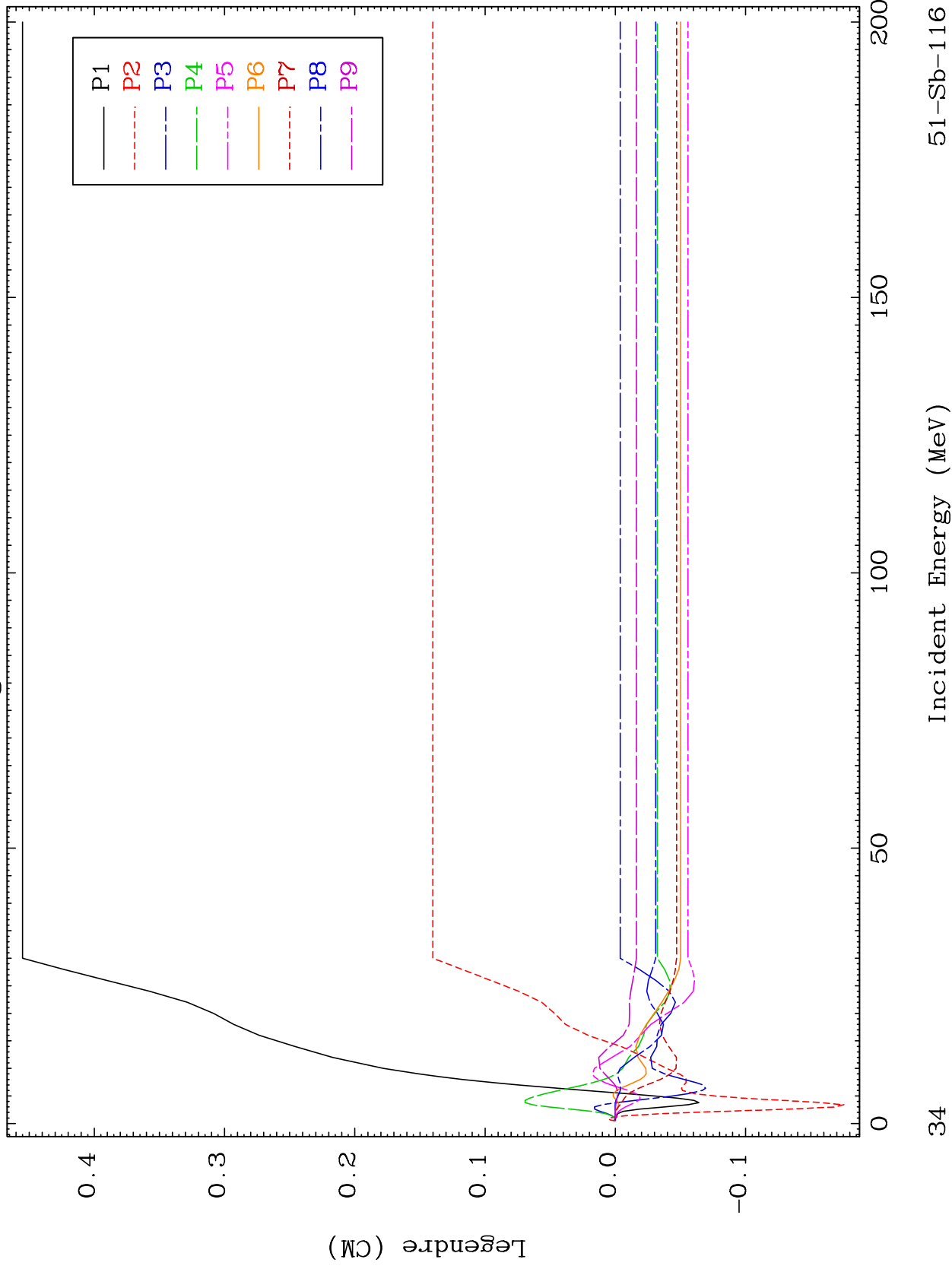
51-Sb-116



MAT 5110

MT= 55 (n,n') Level
Legendre Coefficients

51-Sb-116



51-Sb-116

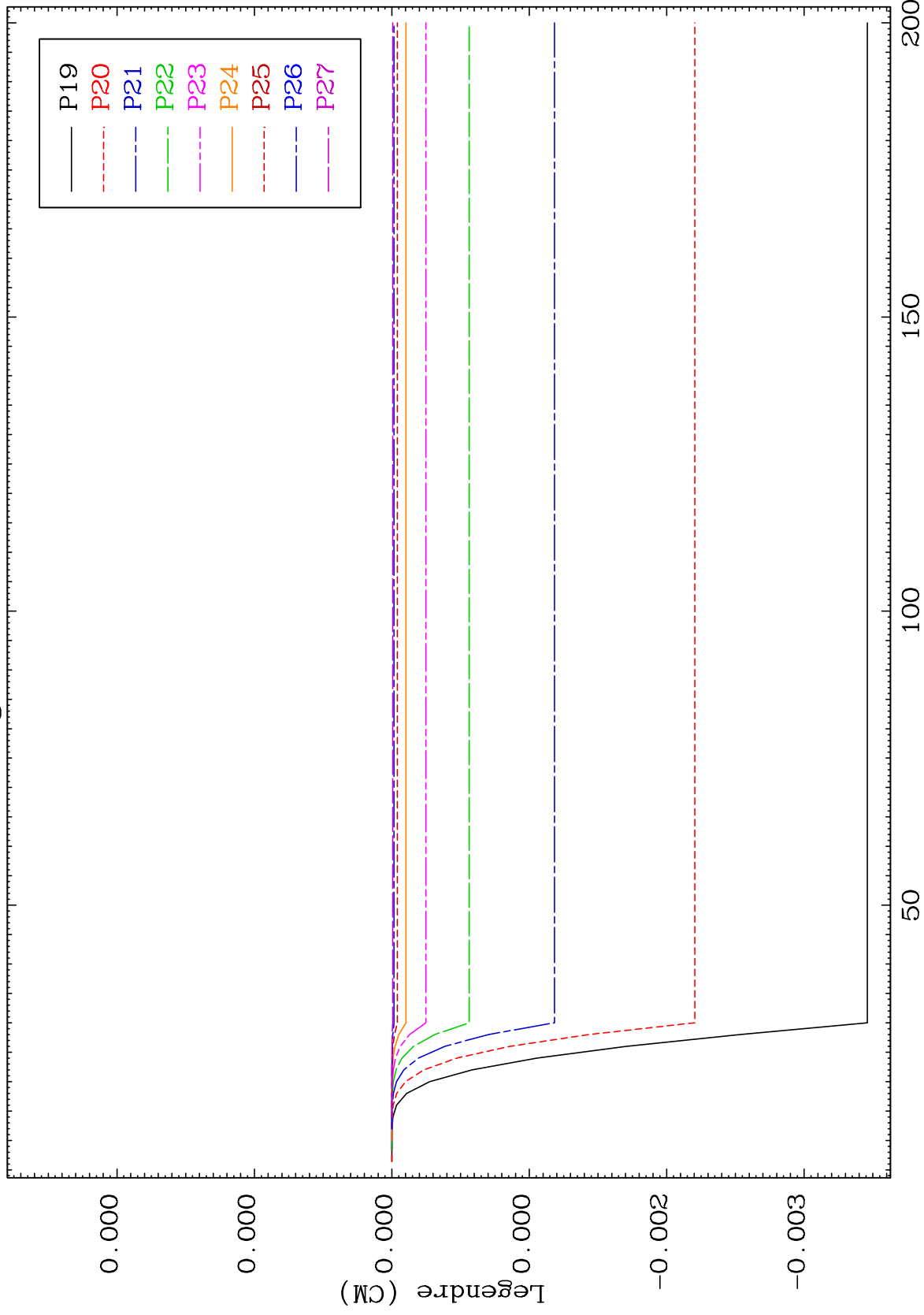
Incident Energy (MeV)

34

MAT 5110

MT= 55 (n,n') Level
Legendre Coefficients

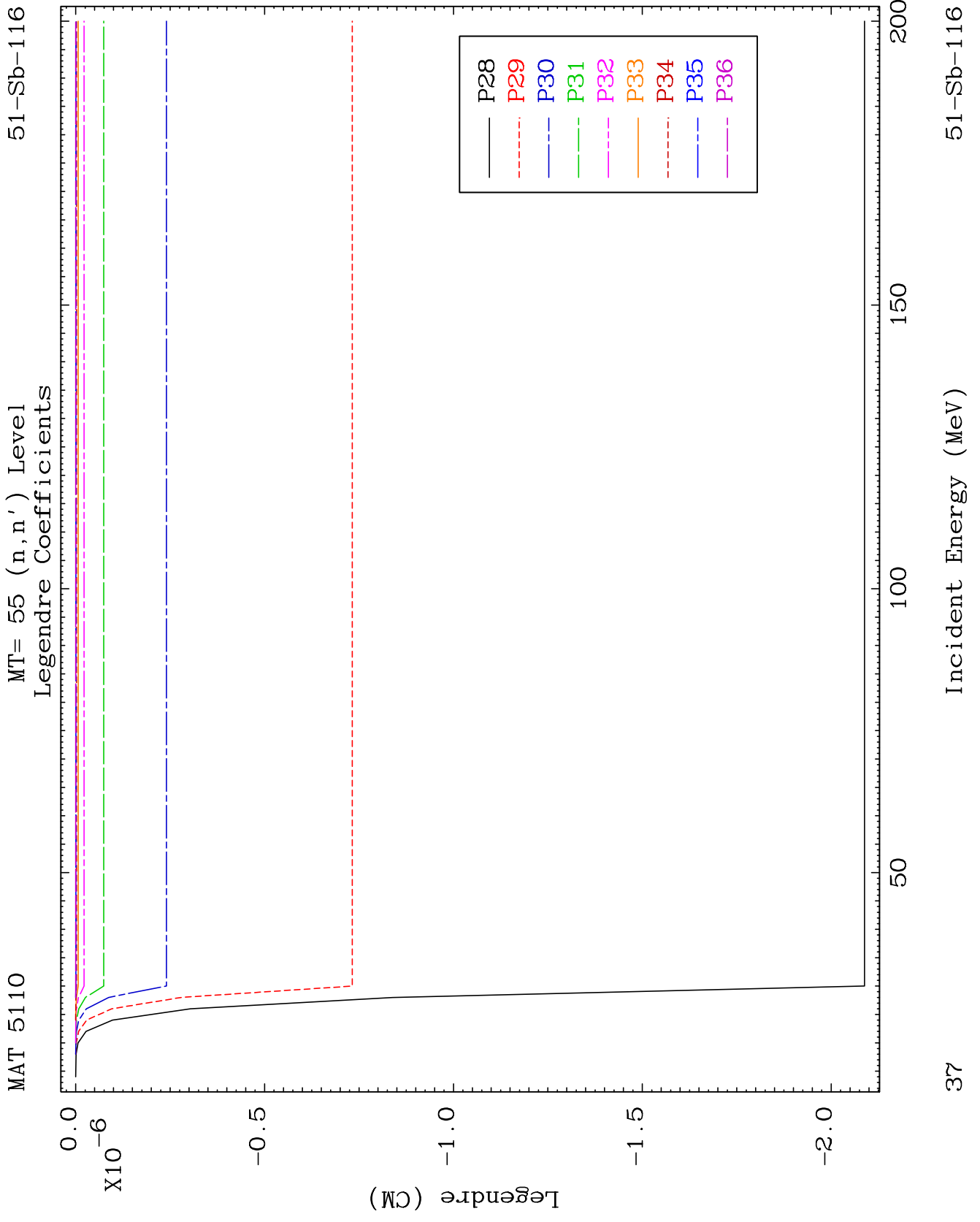
51-Sb-116



36

Incident Energy (MeV)

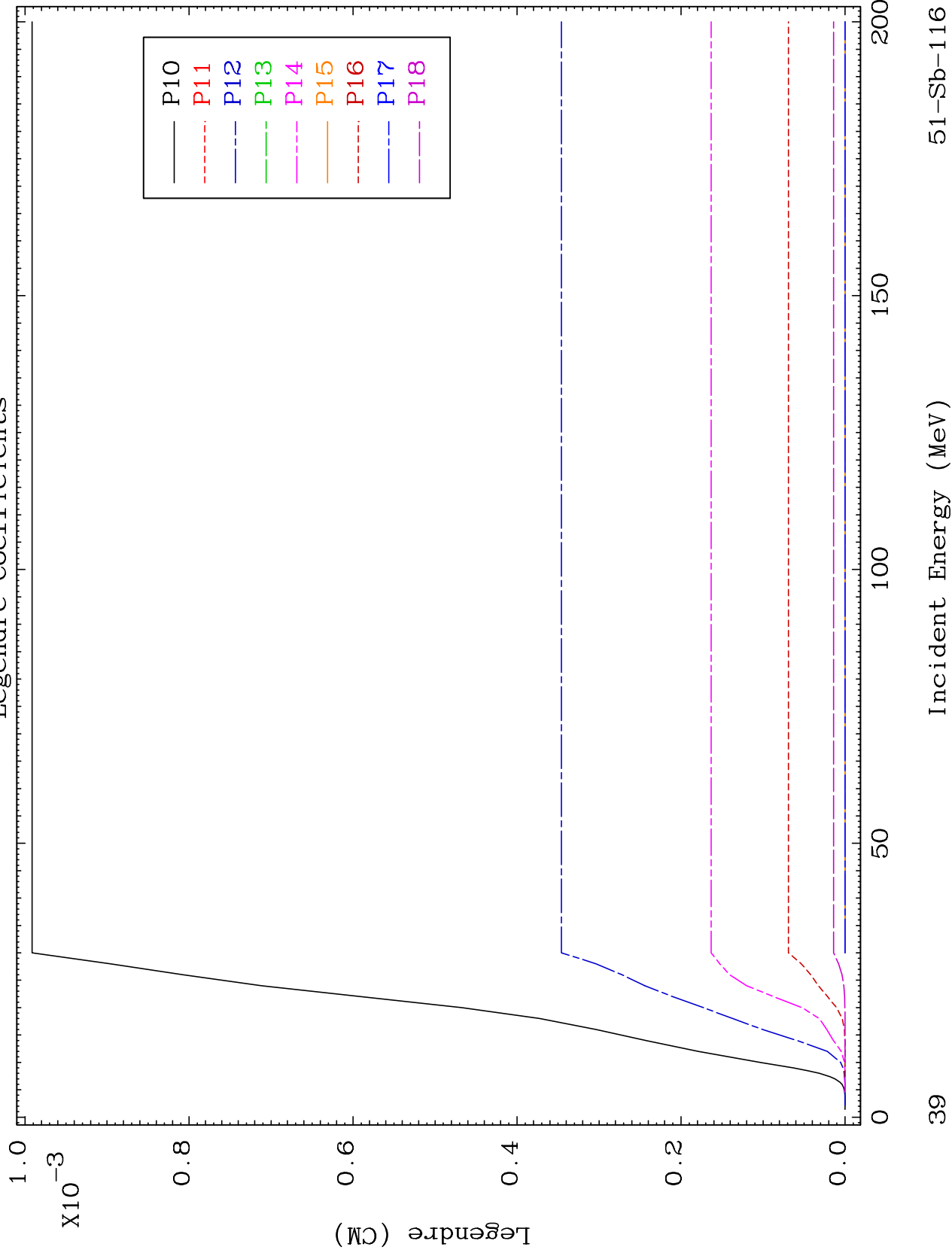
51-Sb-116



MAT 5110

MT= 56 (n,n') Level
Legendre Coefficients

51-Sb-116



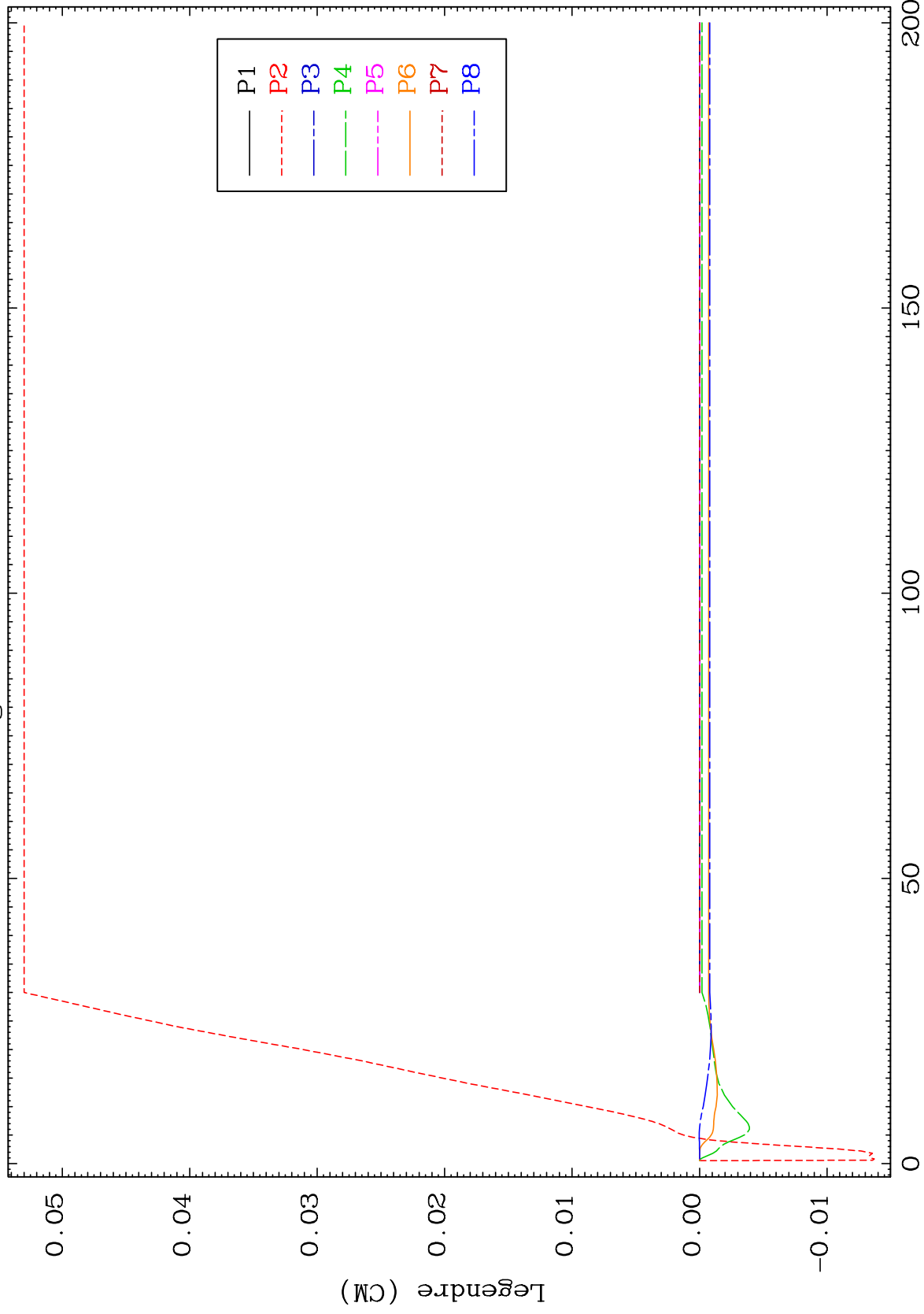
39

51-Sb-116

MAT 5110

MT= 57 (n,n') Level
Legendre Coefficients

51-Sb-116



51-Sb-116

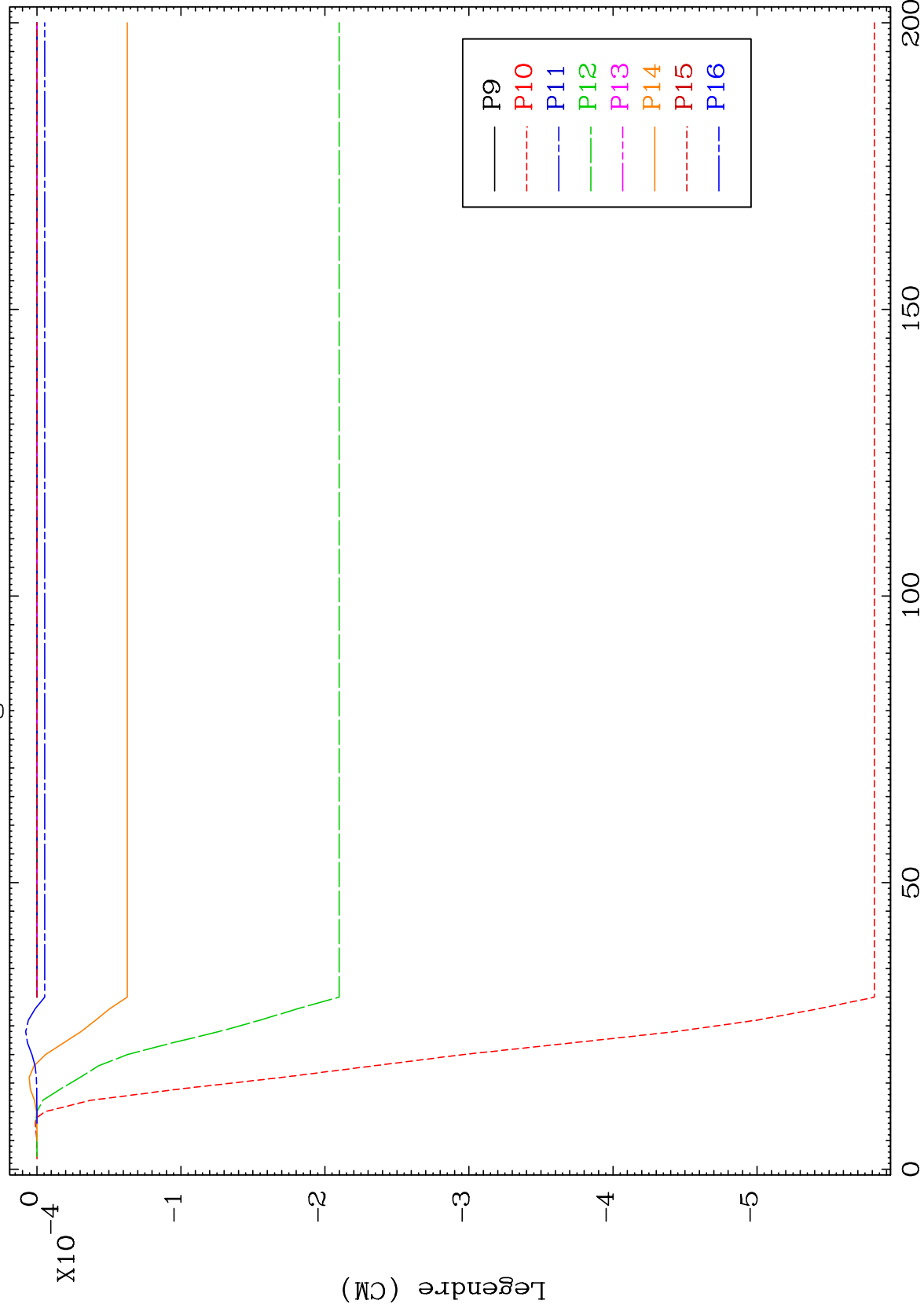
Incident Energy (MeV)

41

MAT 5110

MT= 57 (n,n') Level
Legendre Coefficients

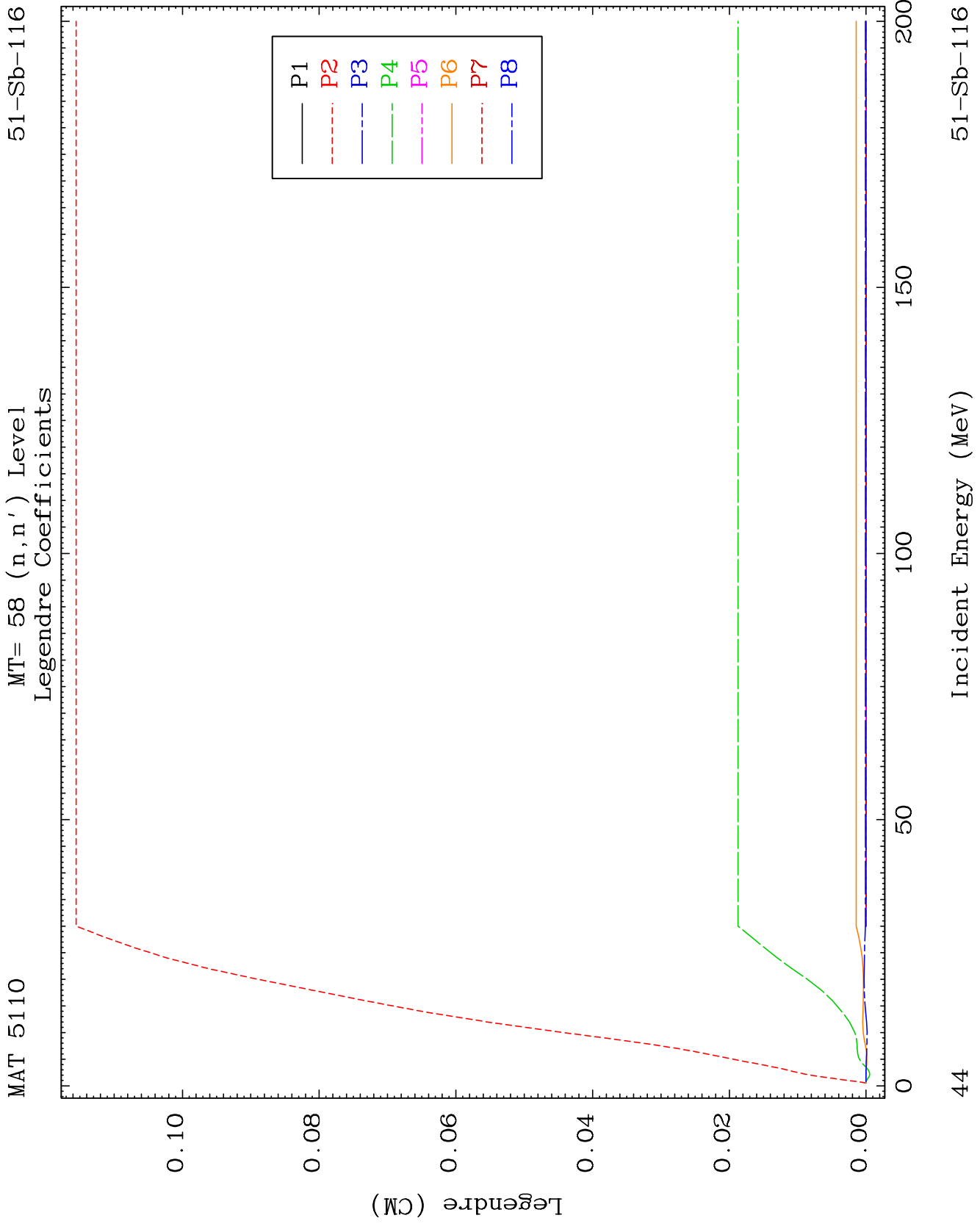
51-Sb-116



42

Incident Energy (MeV)

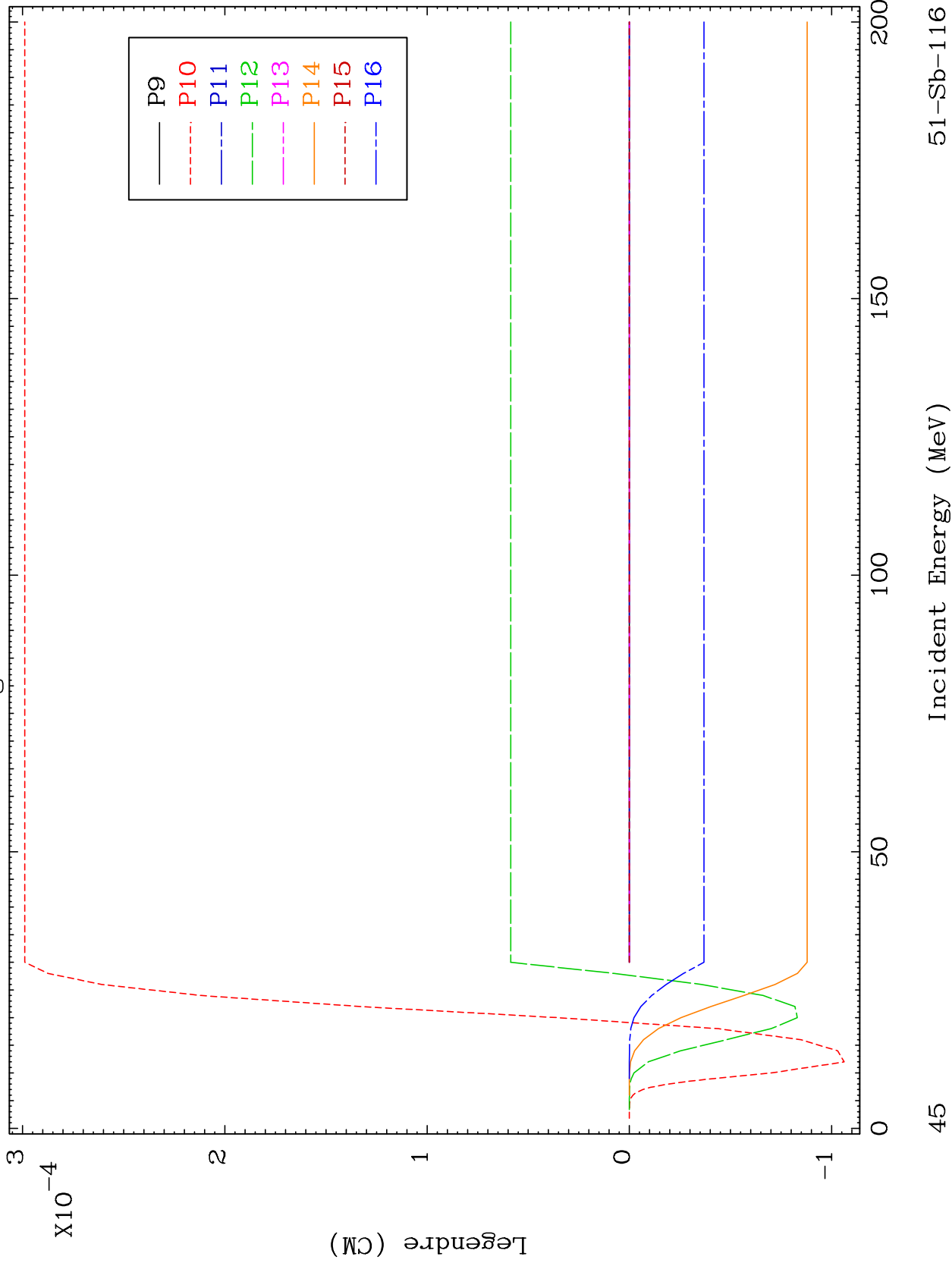
51-Sb-116



MAT 5110

MT= 58 (n,n') Level
Legendre Coefficients

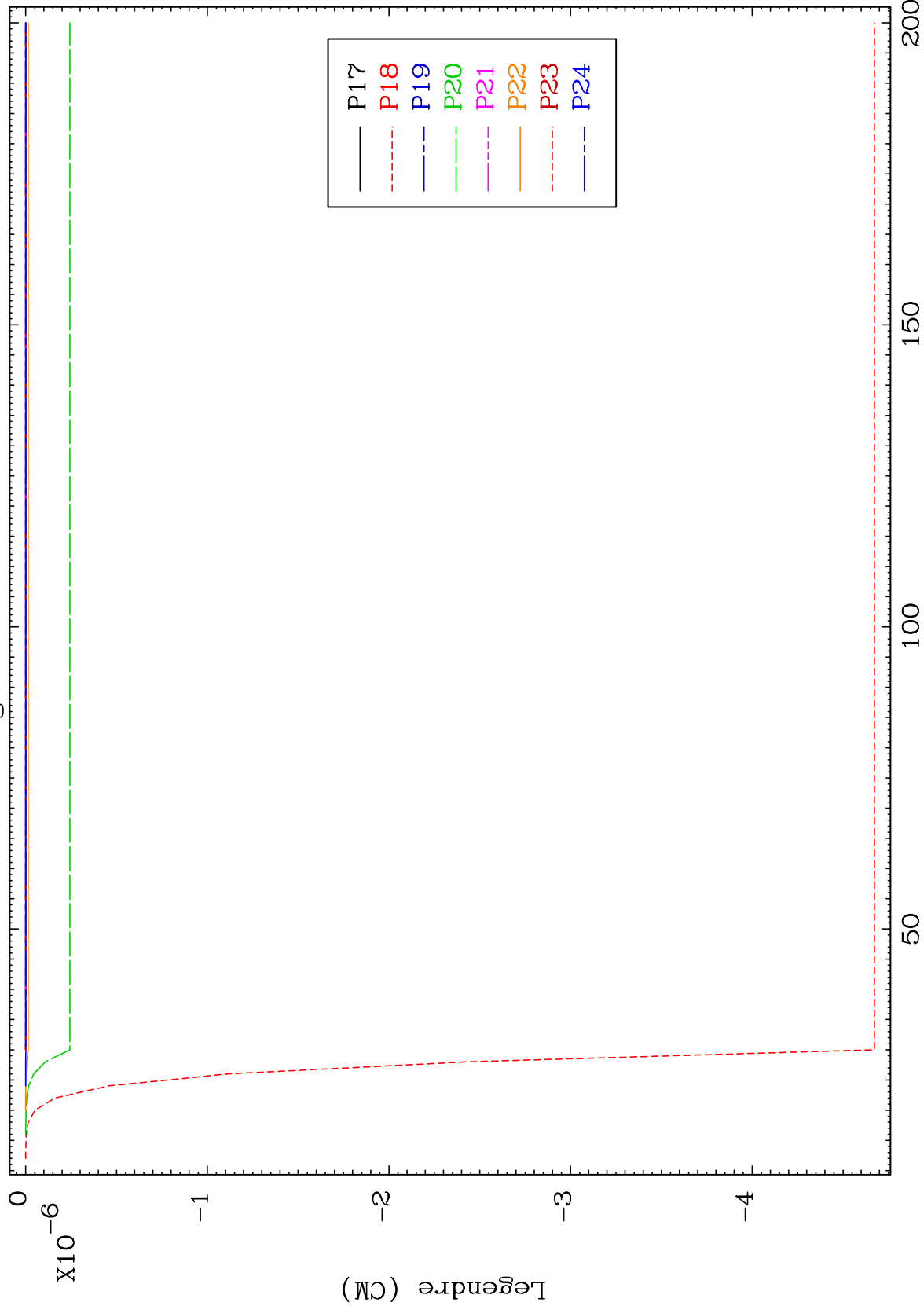
51-Sb-116



MAT 5110

MT= 58 (n,n') Level
Legendre Coefficients

51-Sb-116



51-Sb-116

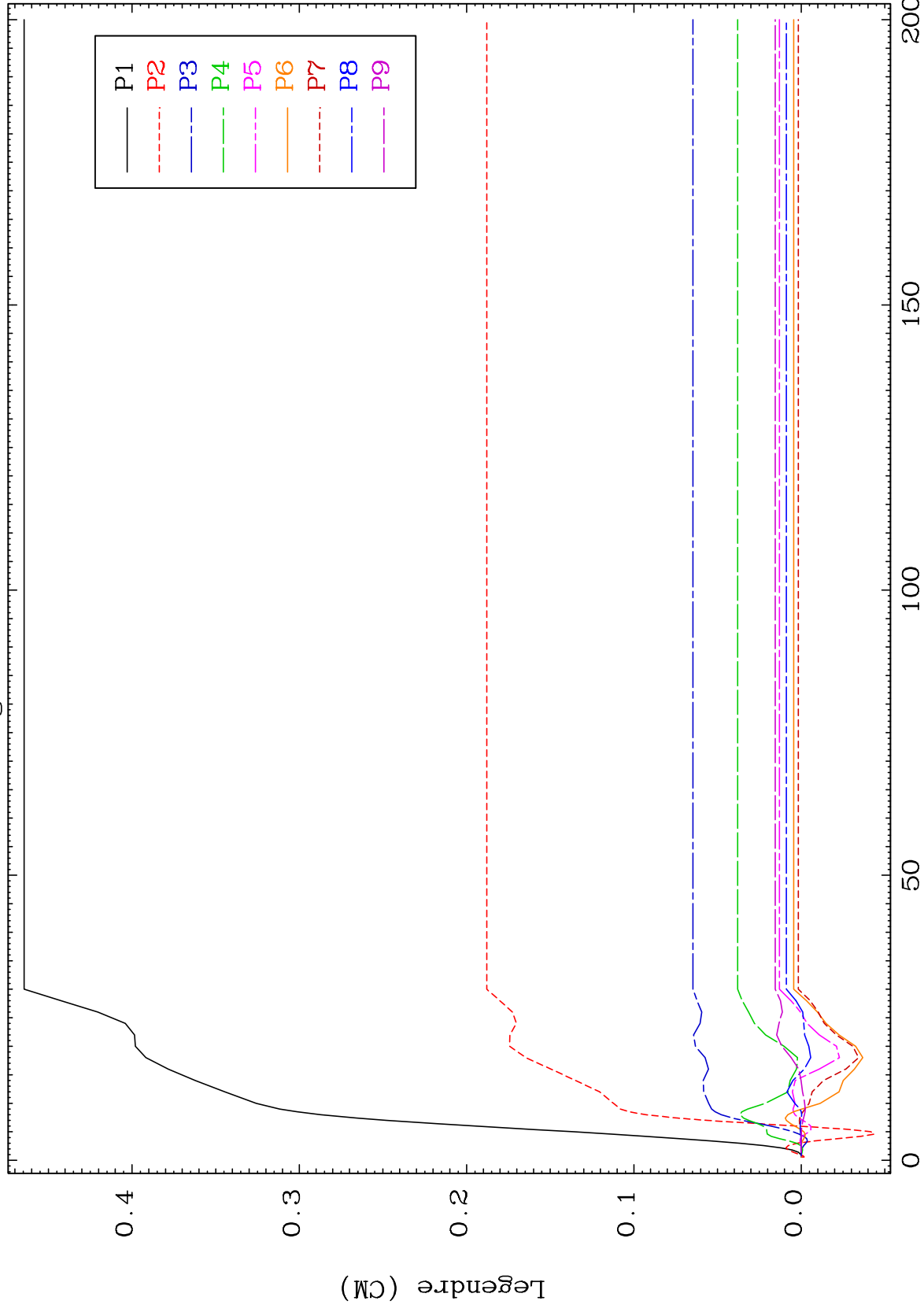
Incident Energy (MeV)

46

MAT 5110

MT= 59 (n,n') Level
Legendre Coefficients

51-Sb-116



51-Sb-116

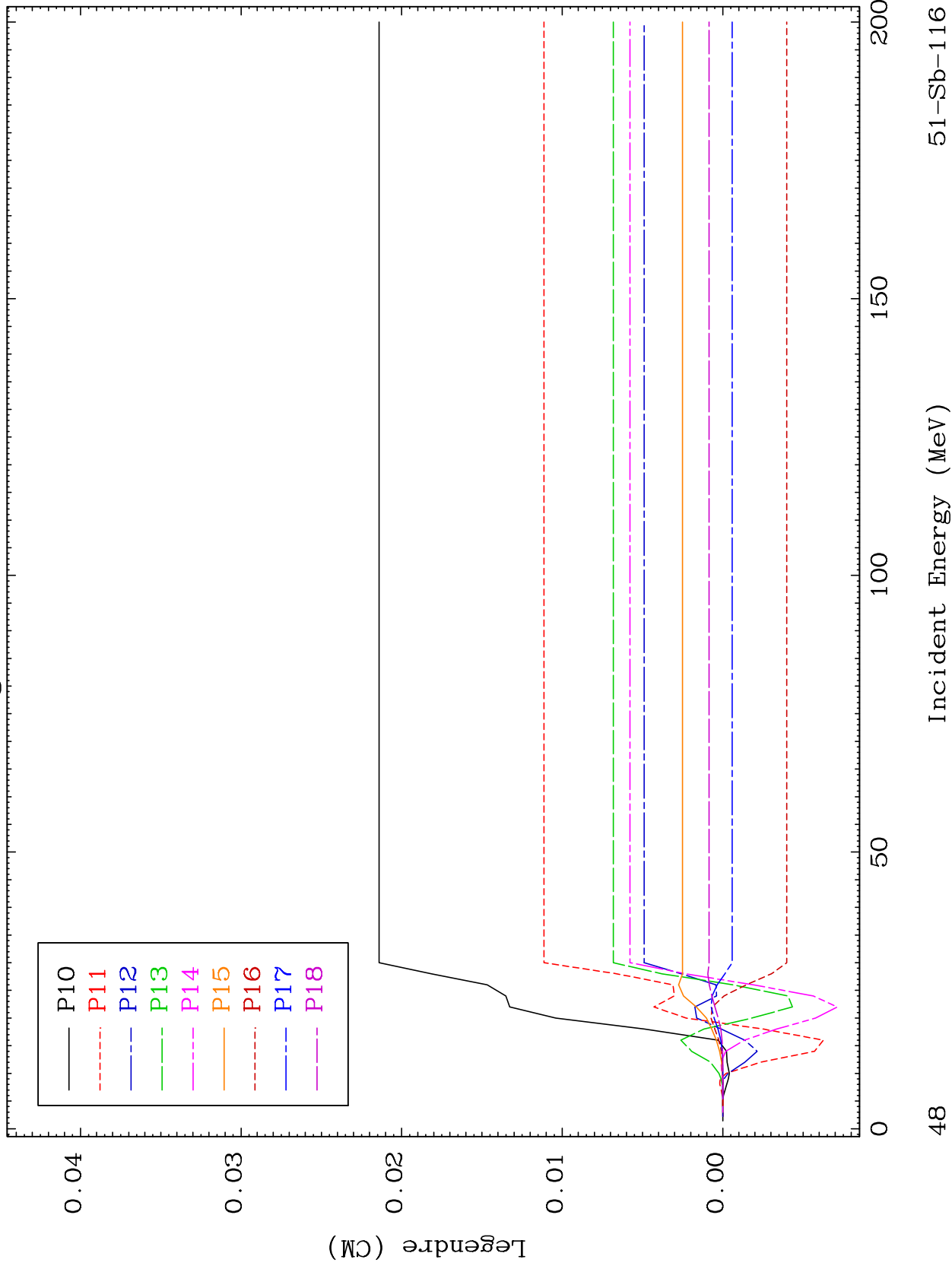
Incident Energy (MeV)

47

MAT 5110

MT= 59 (n,n') Level
Legendre Coefficients

51-Sb-116



51-Sb-116

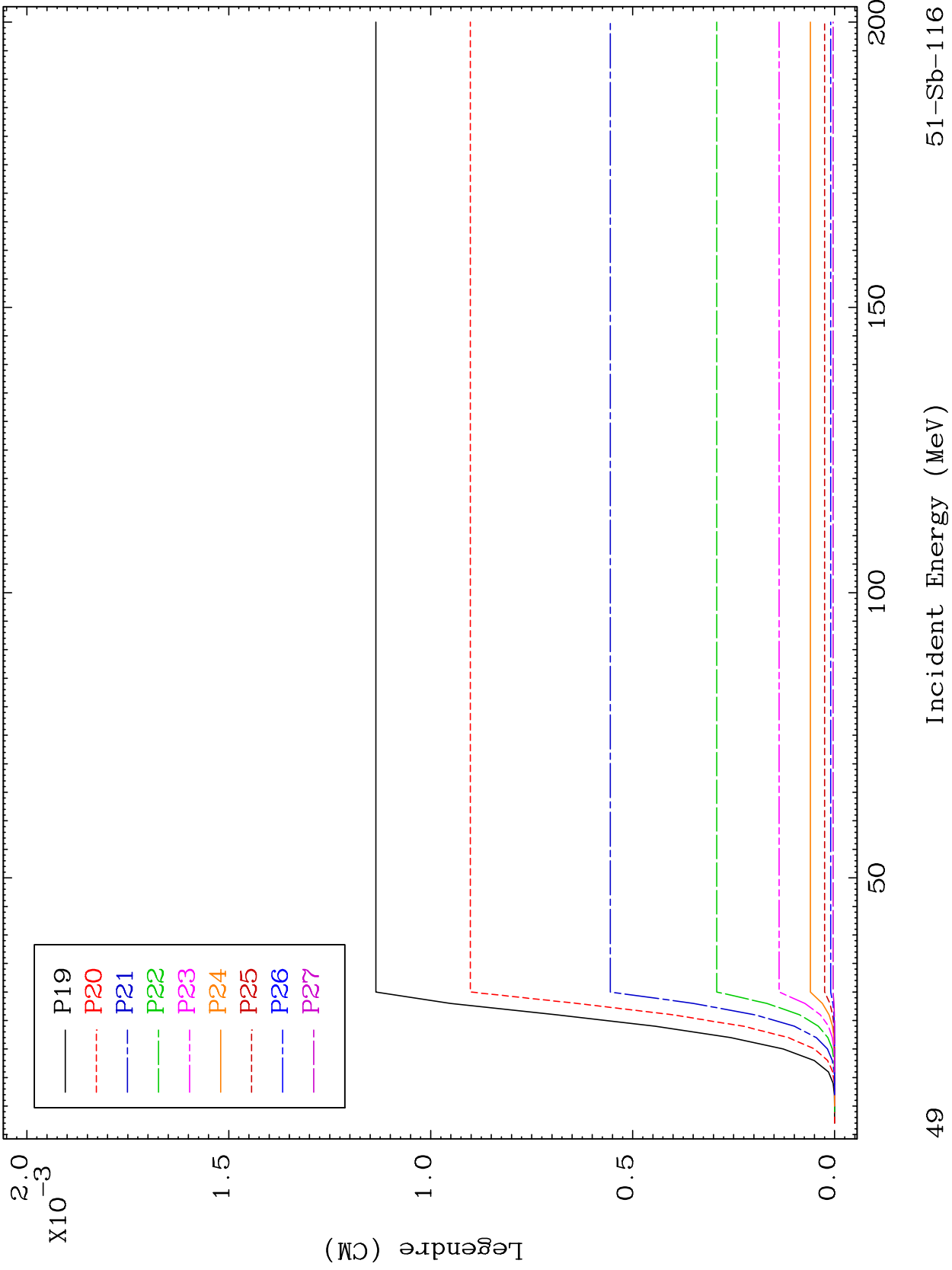
Incident Energy (MeV)

48

MAT 5110

MT= 59 (n,n') Level
Legendre Coefficients

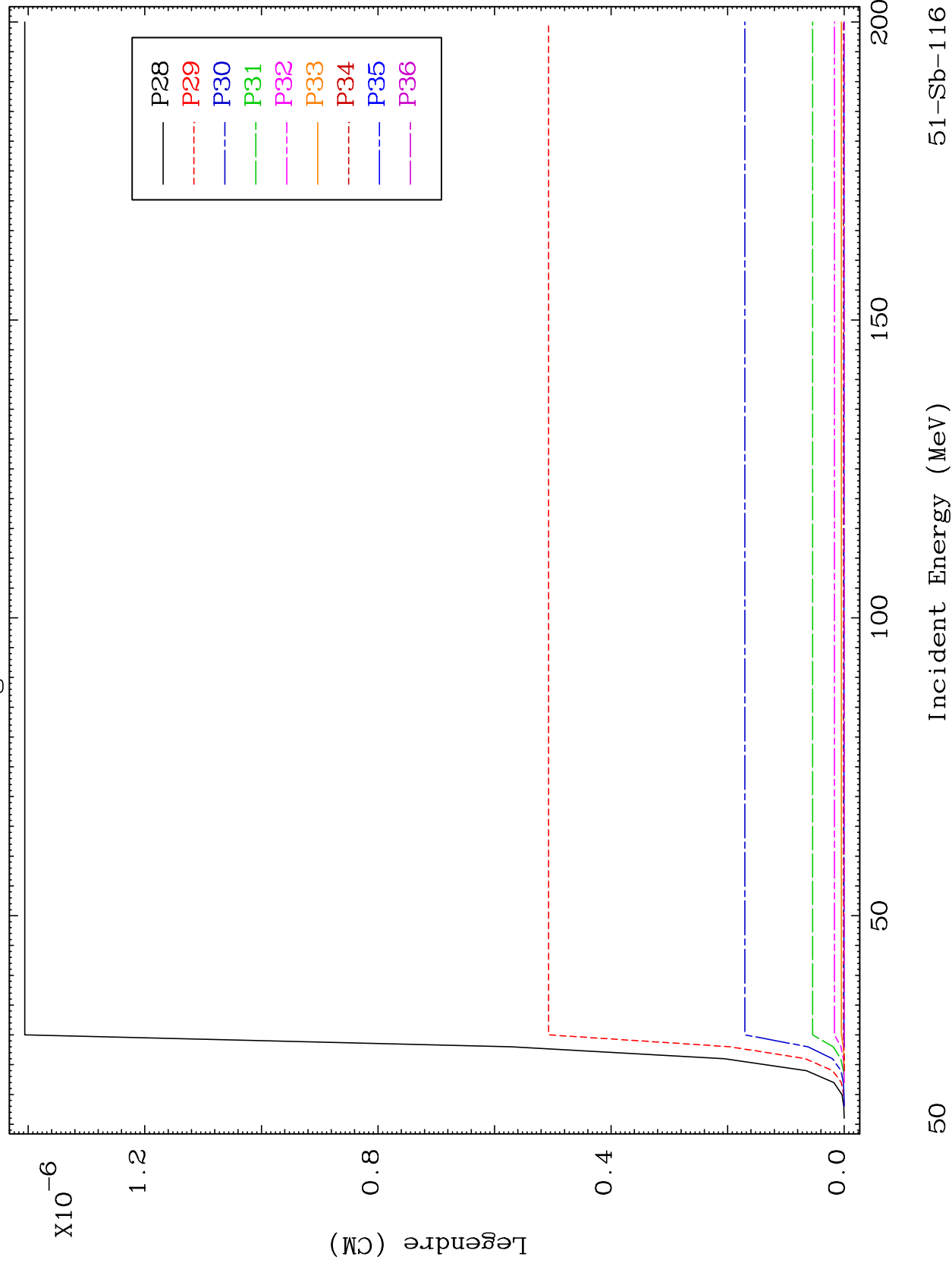
51-Sb-116

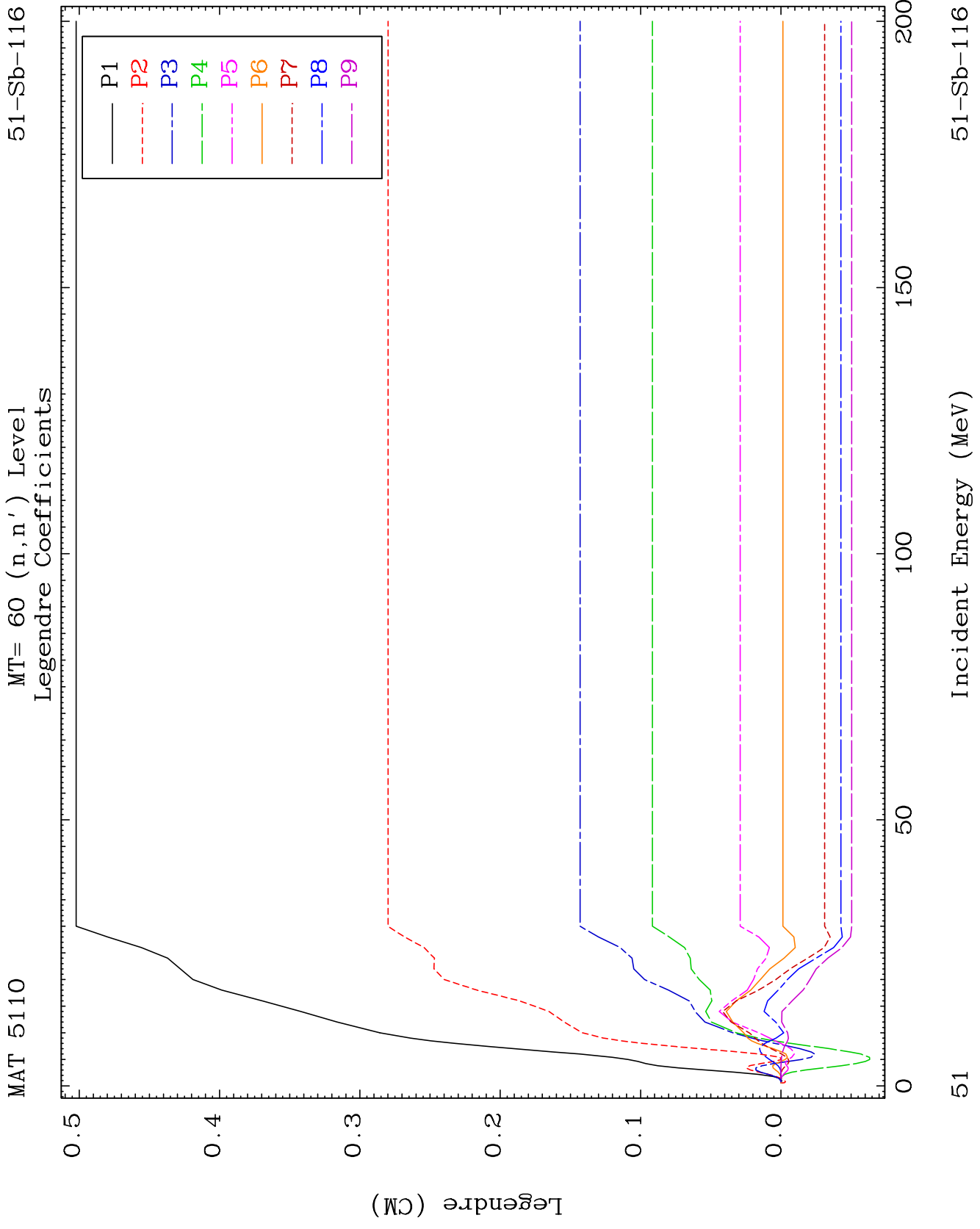


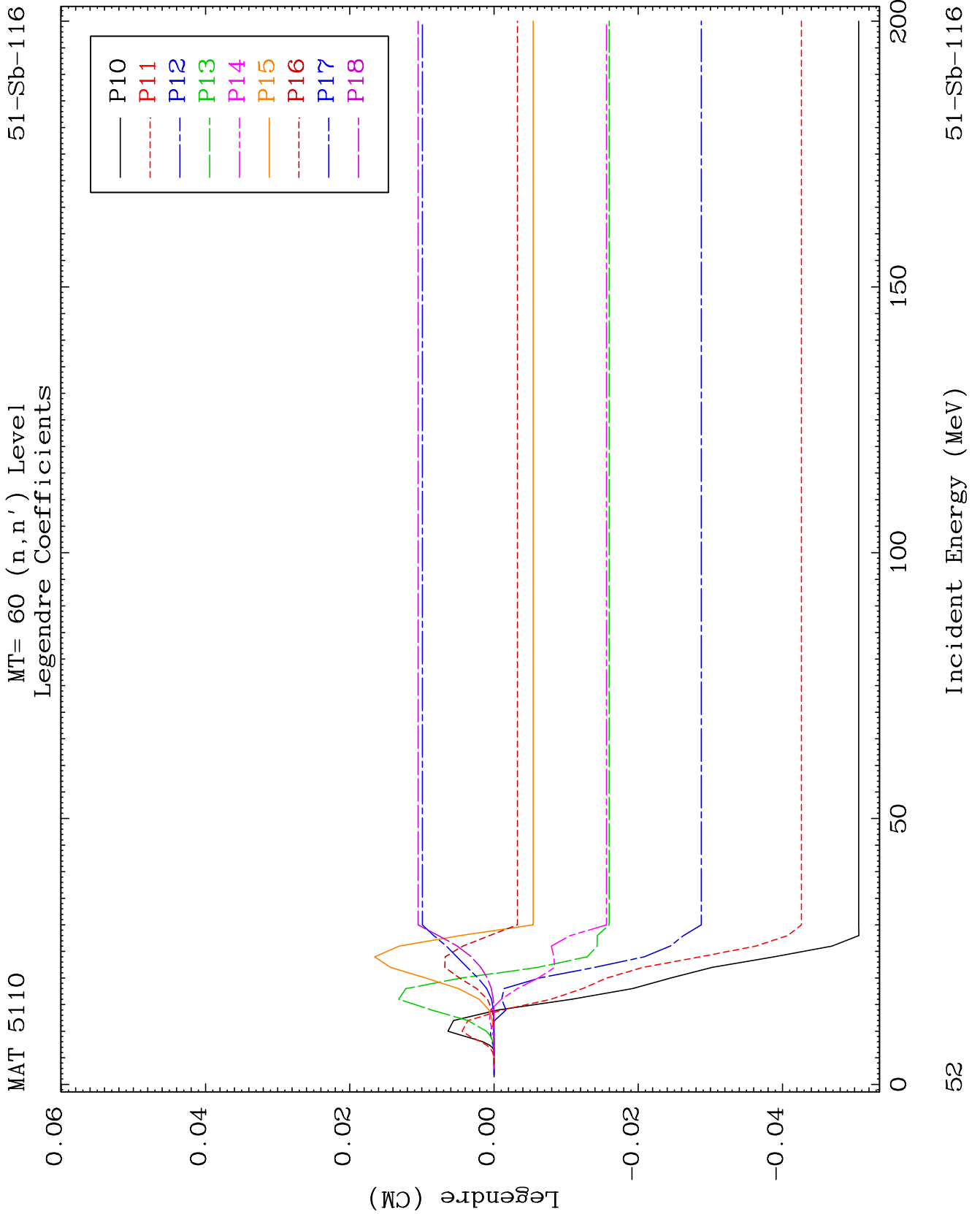
MAT 5110

MT= 59 (n,n') Level
Legendre Coefficients

51-Sb-116



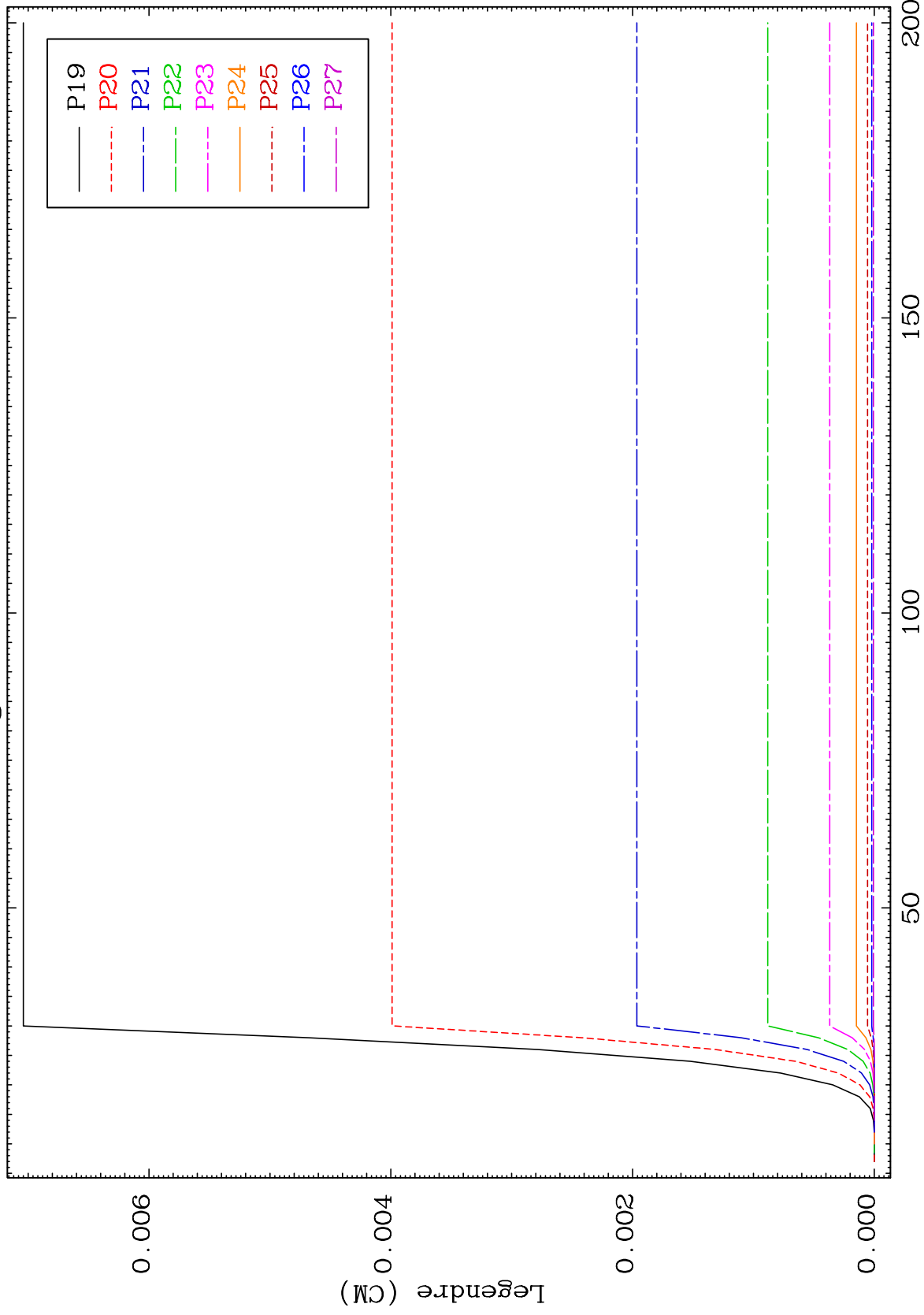




MAT 5110

MT= 60 (n,n') Level
Legendre Coefficients

51-Sb-116



53

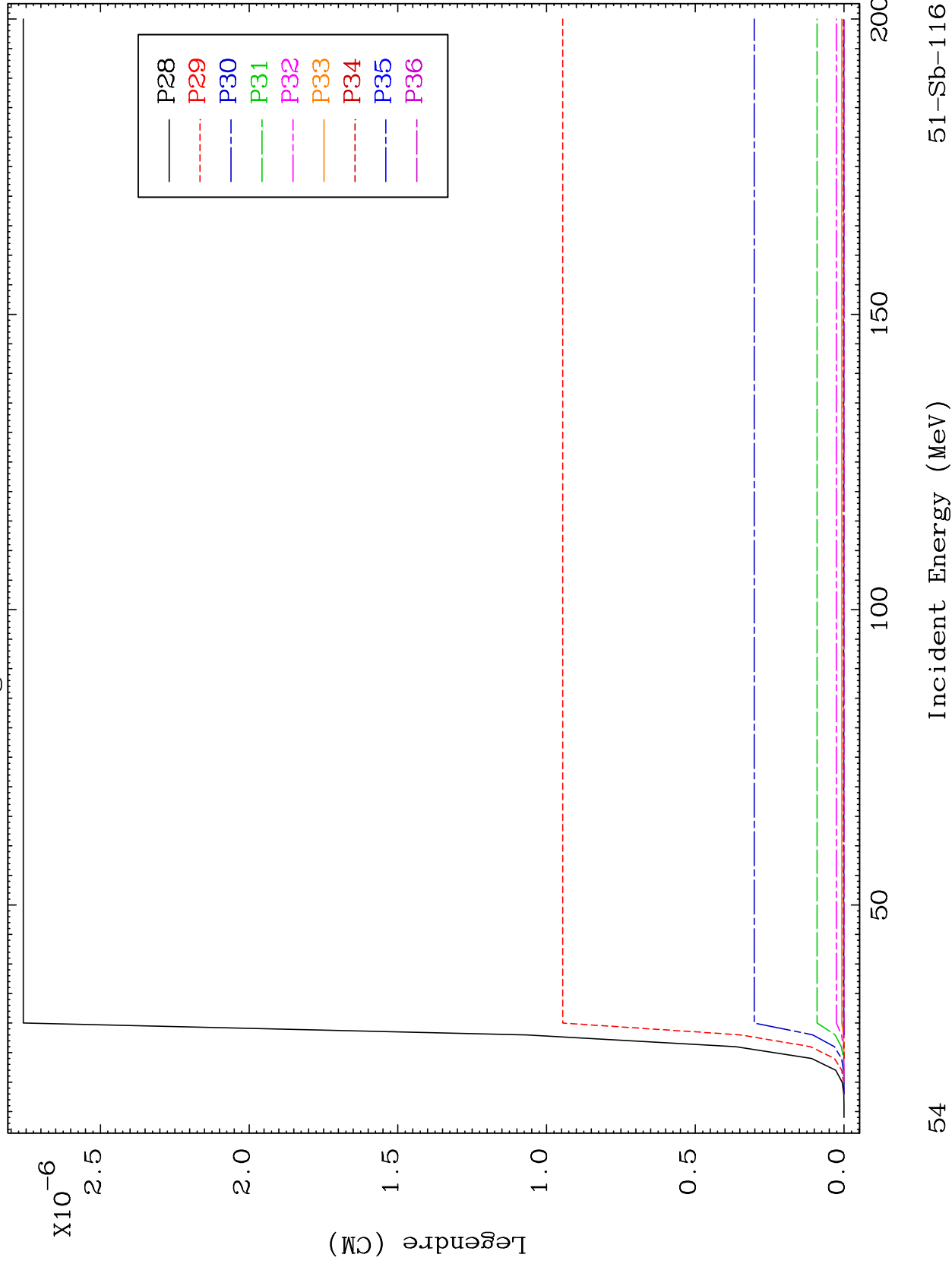
Incident Energy (MeV)

51-Sb-116

MAT 5110

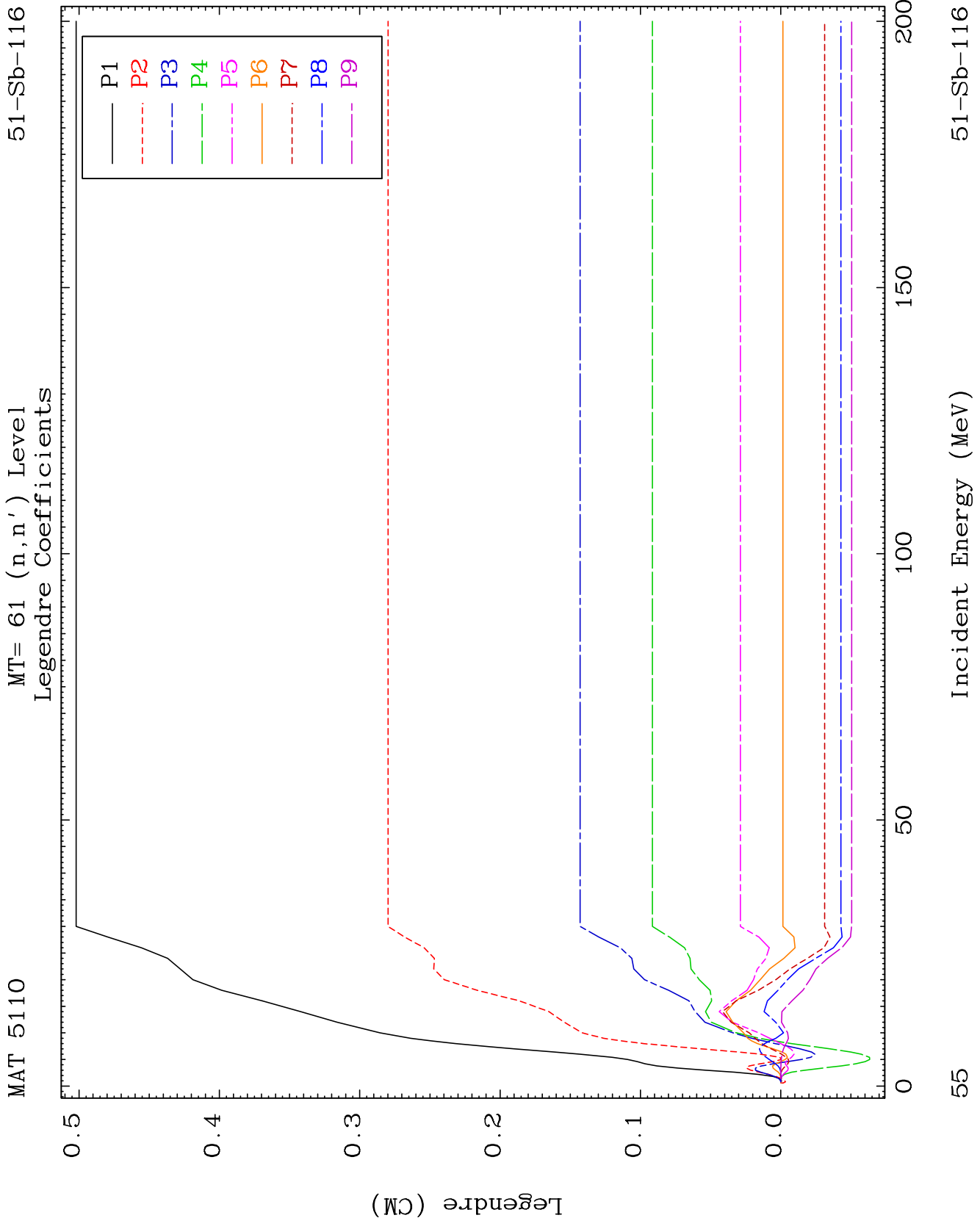
MT= 60 (n,n') Level
Legendre Coefficients

51-Sb-116



54

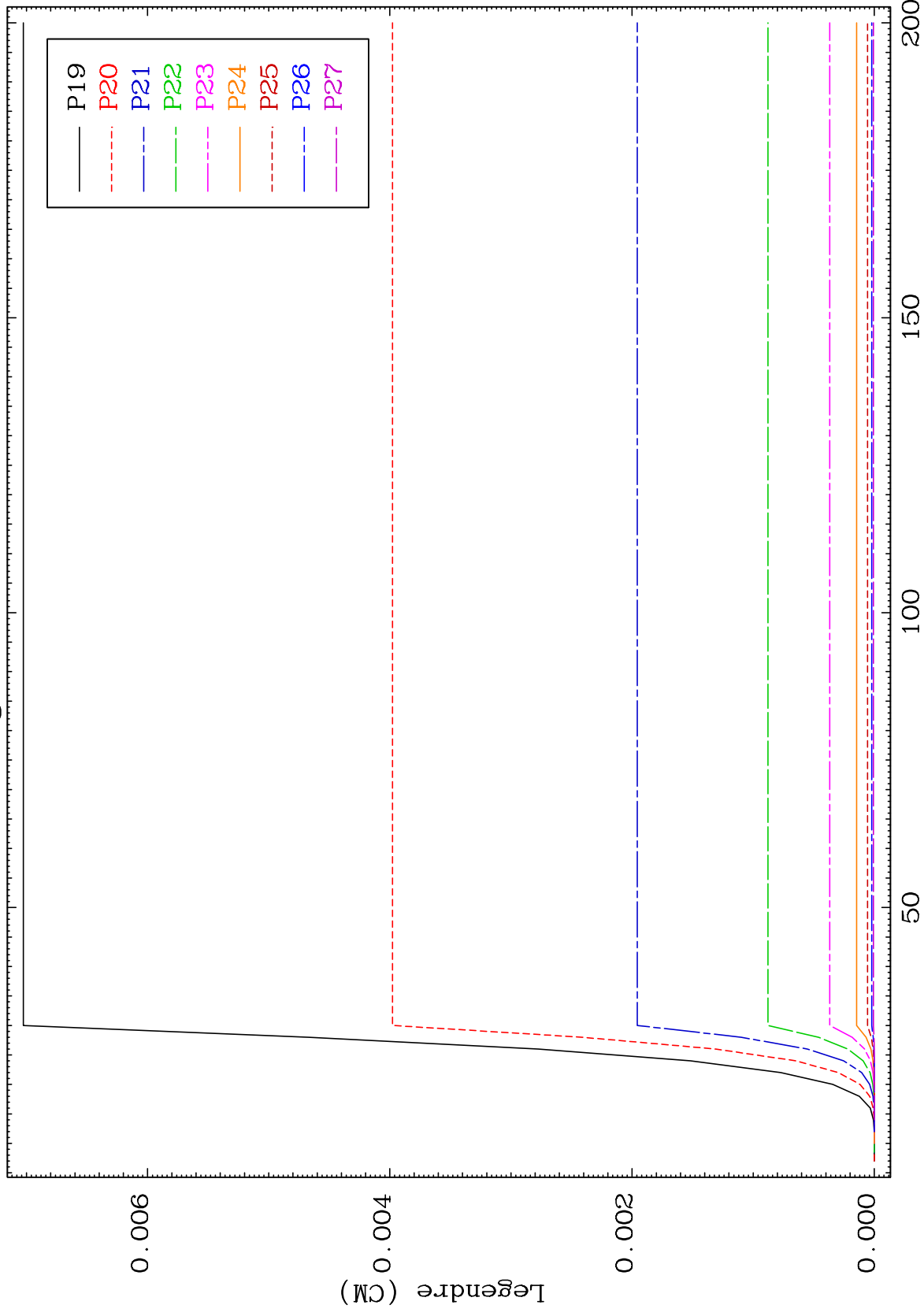
51-Sb-116



MAT 5110

MT= 61 (n,n') Level
Legendre Coefficients

51-Sb-116



57

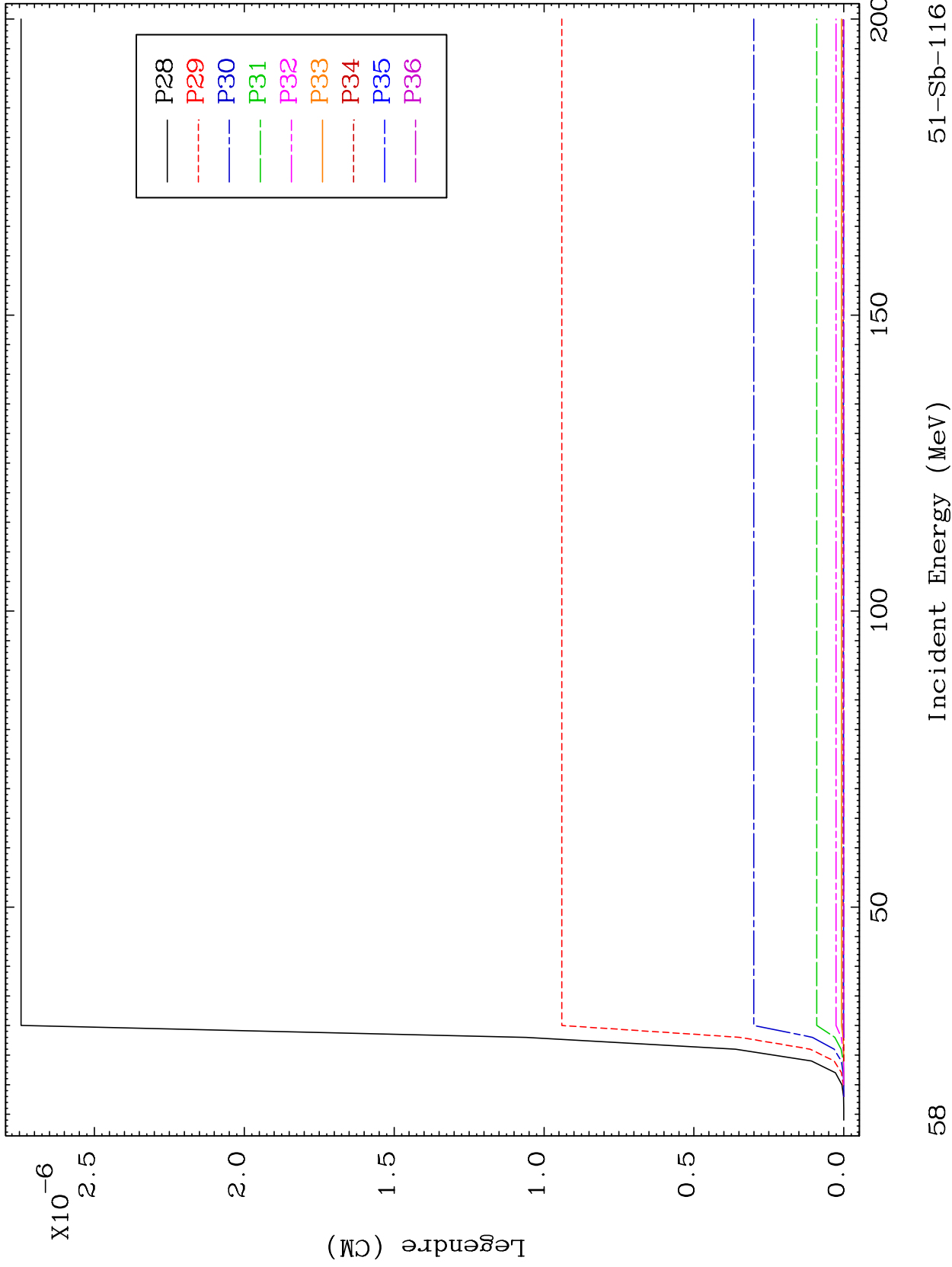
Incident Energy (MeV)

51-Sb-116

MAT 5110

MT= 61 (n,n') Level
Legendre Coefficients

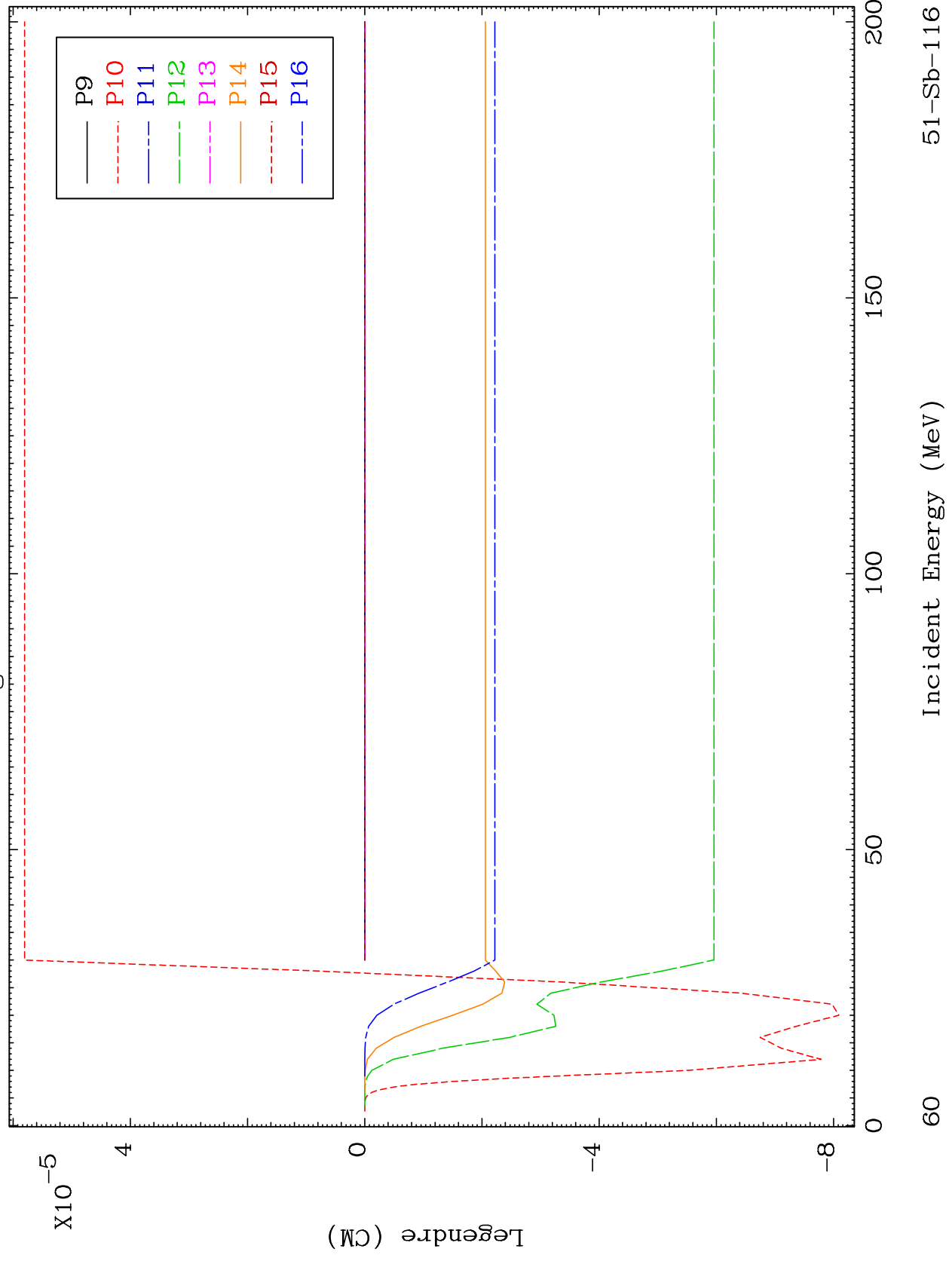
51-Sb-116



MAT 5110

MT= 62 (n,n') Level
Legendre Coefficients

51-Sb-116



51-Sb-116

Incident Energy (MeV)

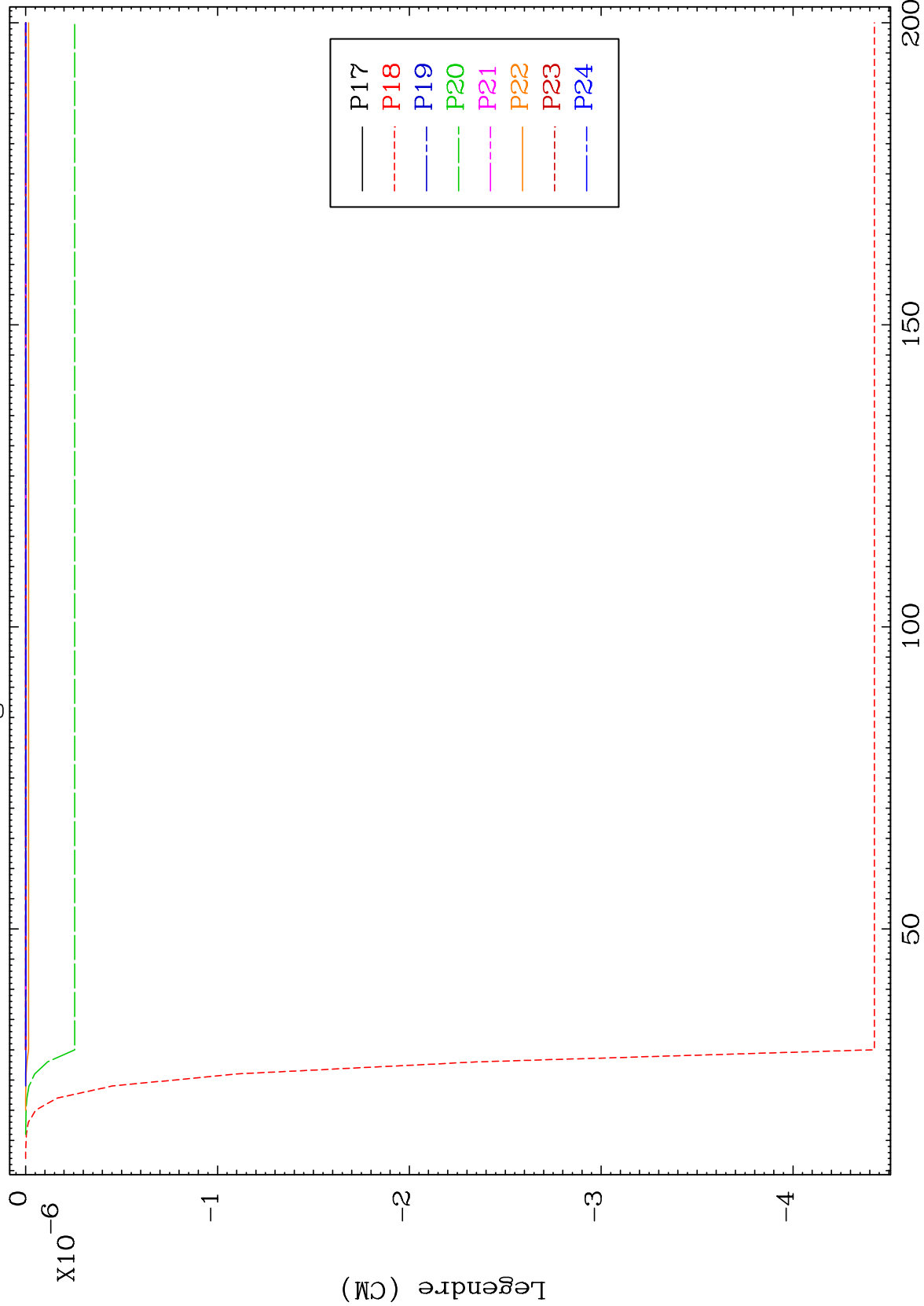
60

200

MAT 5110

MT= 62 (n,n') Level
Legendre Coefficients

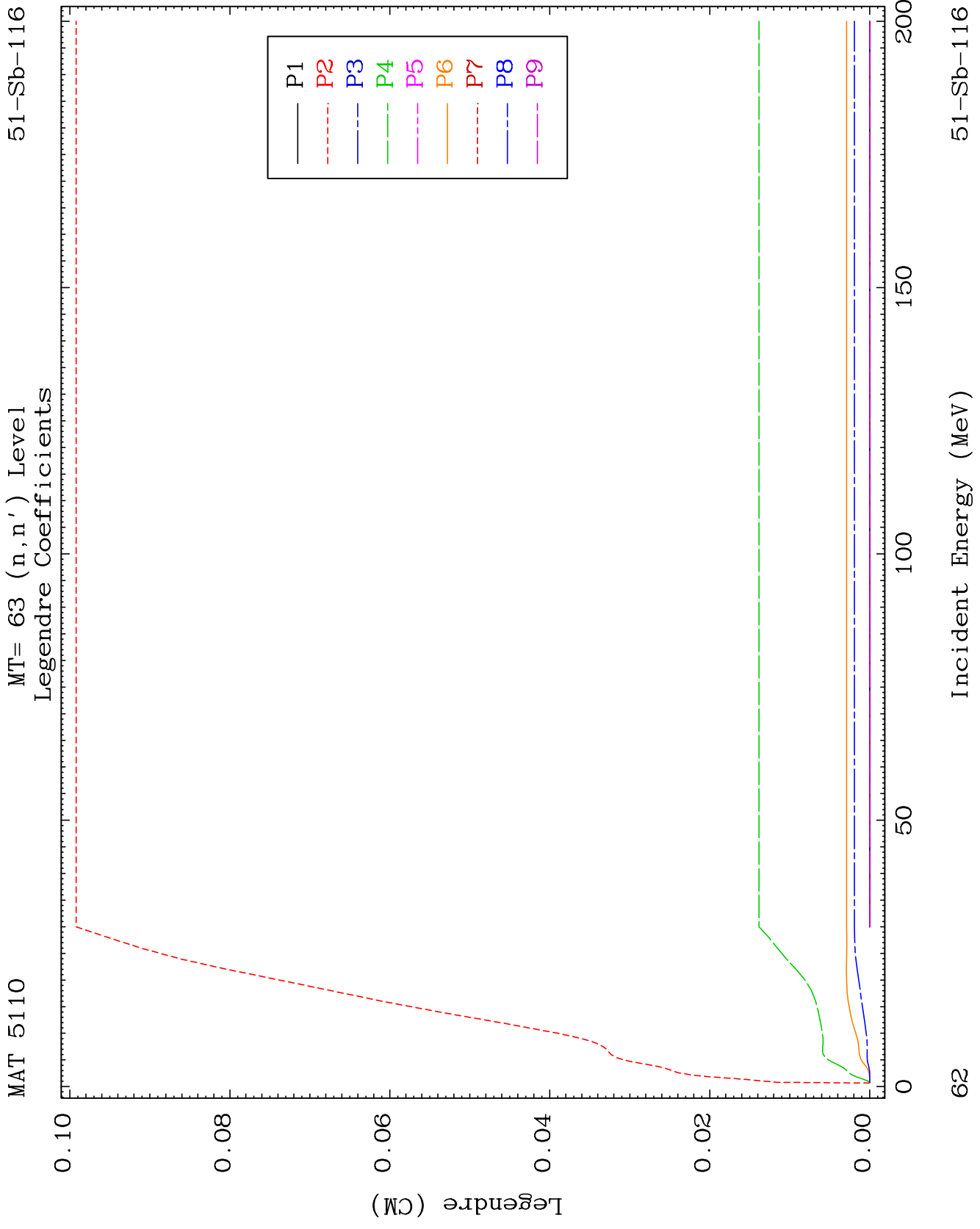
51-Sb-116



51-Sb-116

Incident Energy (MeV)

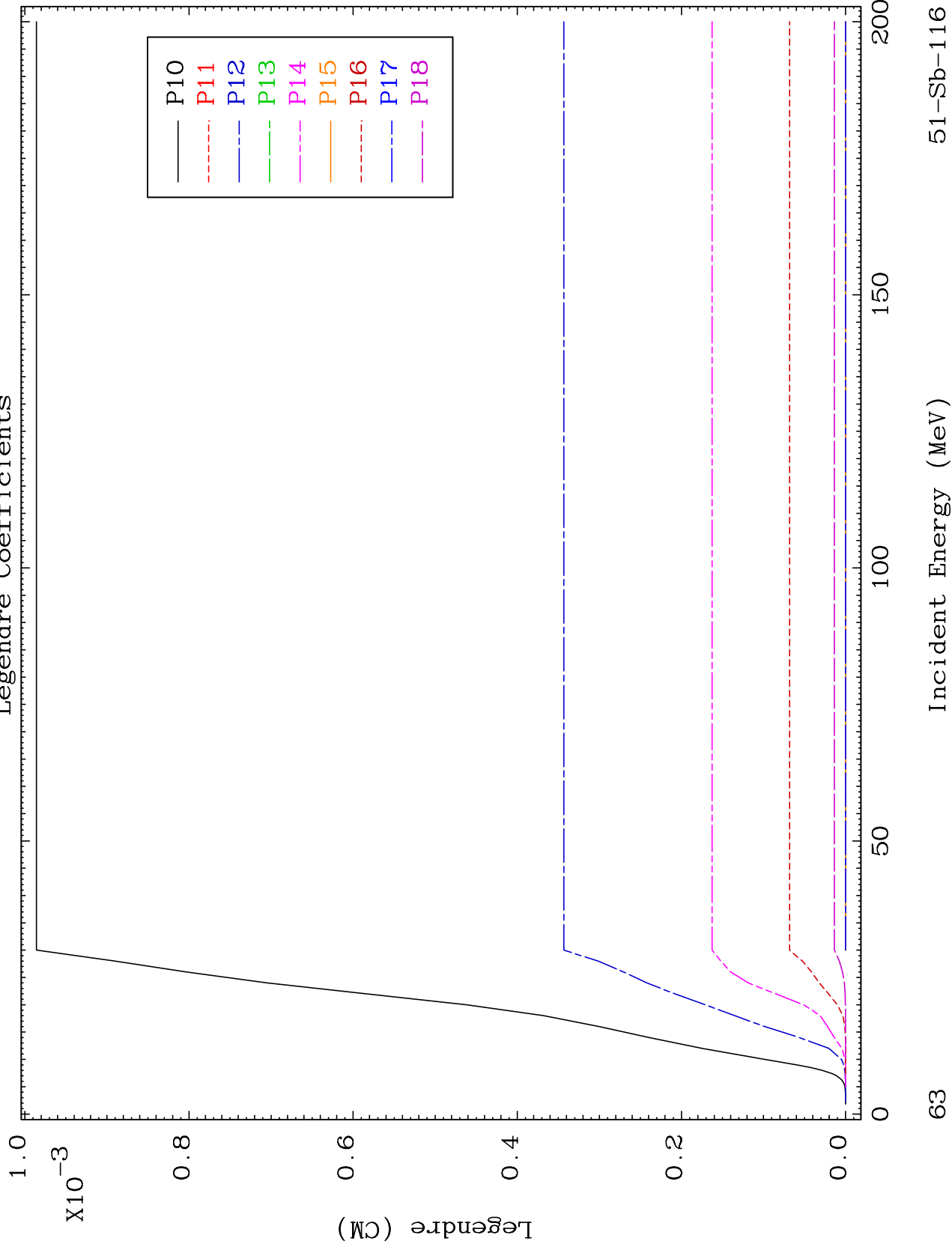
61



MAT 5110

MT= 63 (n,n') Level
Legendre Coefficients

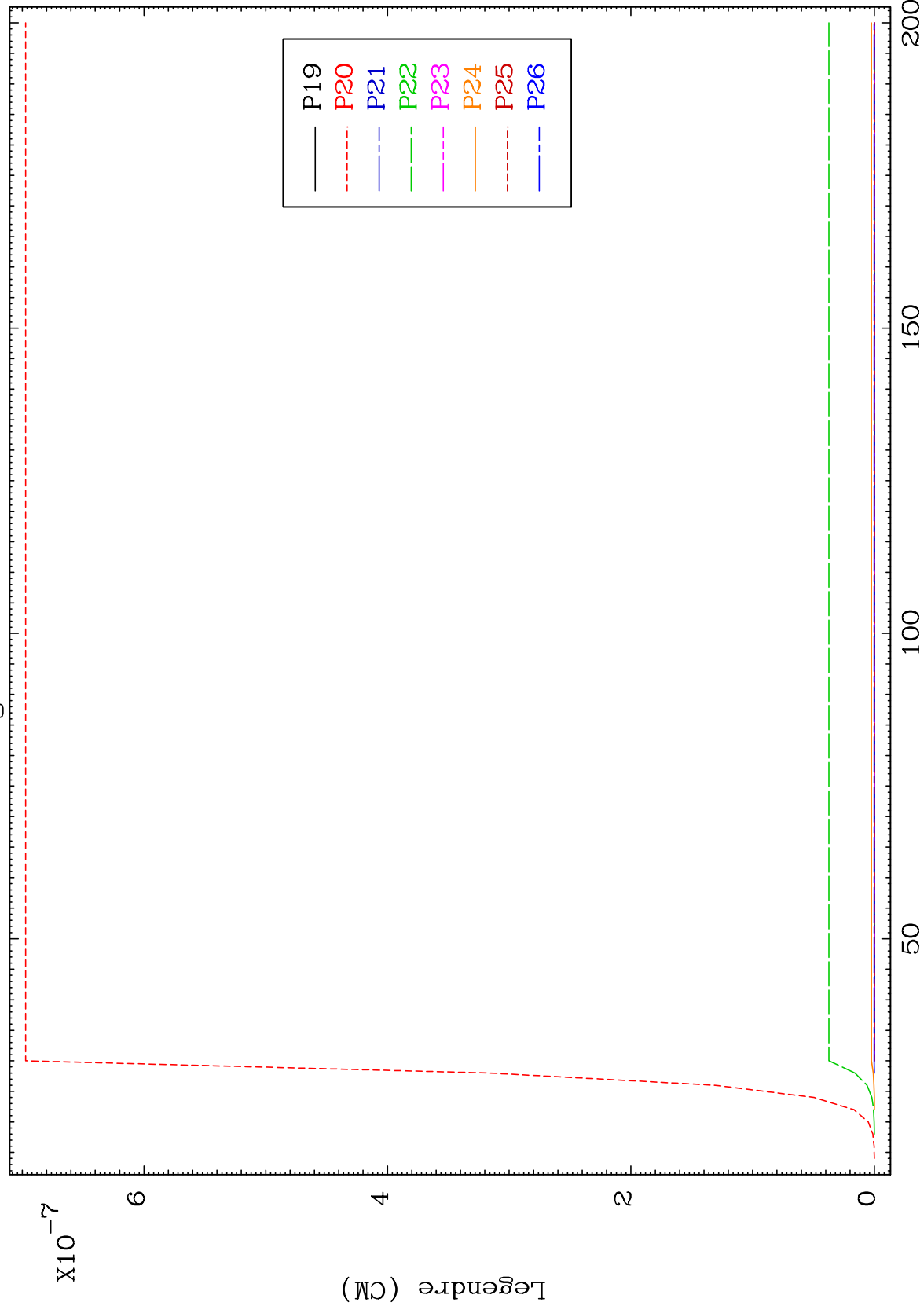
51-Sb-116



MAT 5110

MT= 63 (n,n') Level
Legendre Coefficients

51-Sb-116



51-Sb-116

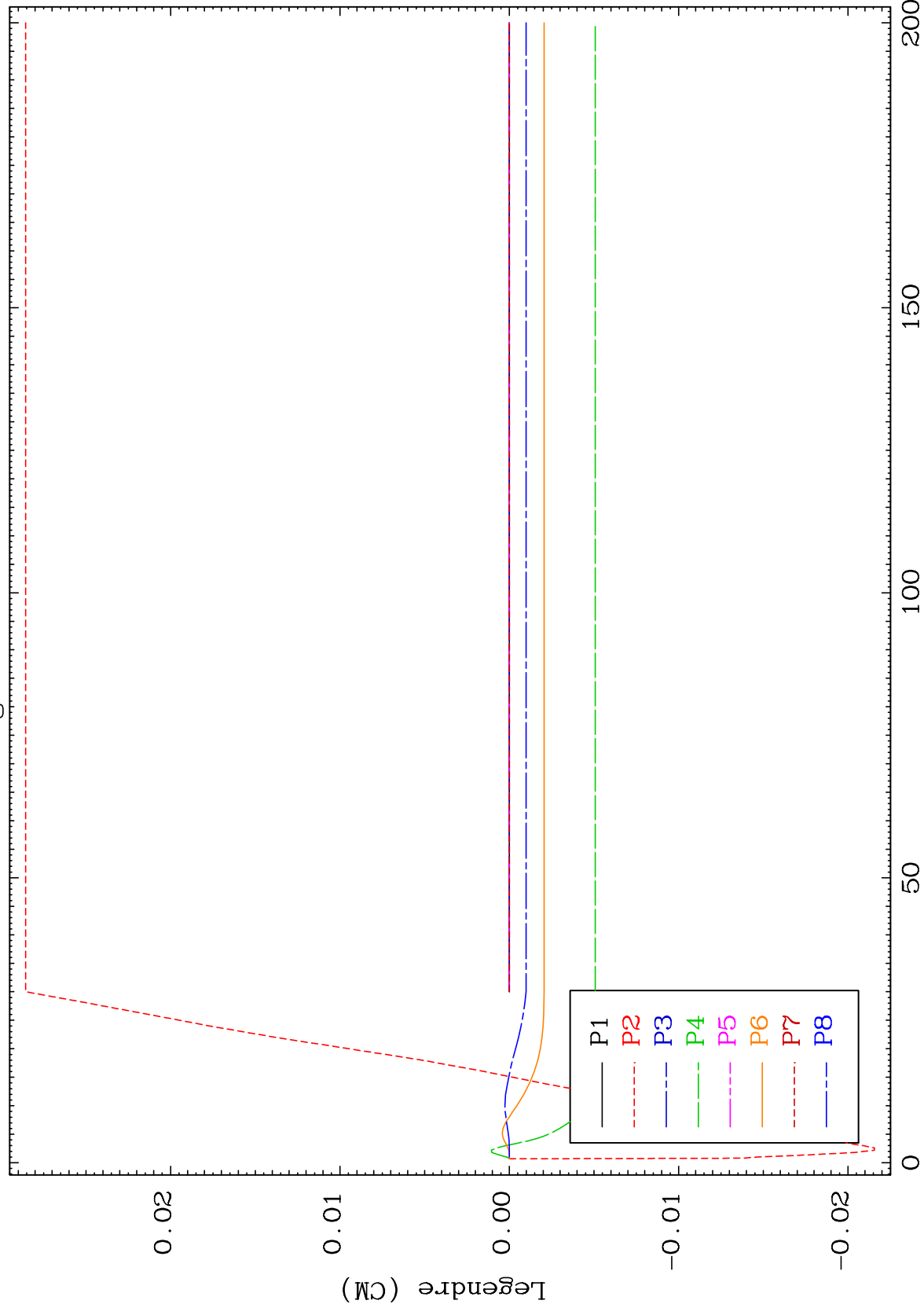
Incident Energy (MeV)

64

MAT 5110

MT= 64 (n,n') Level
Legendre Coefficients

51-Sb-116



51-Sb-116

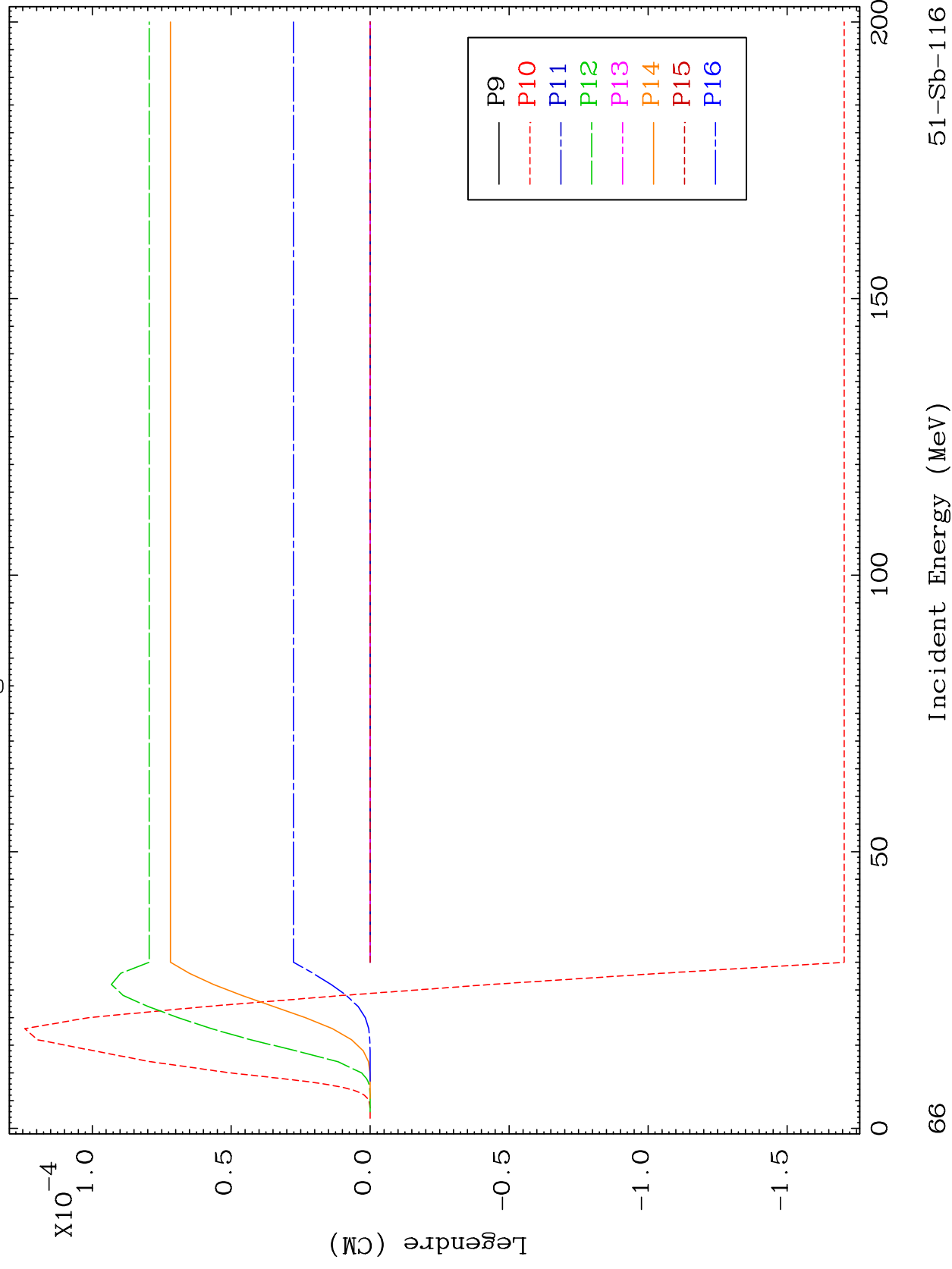
Incident Energy (MeV)

65

MAT 5110

MT= 64 (n,n') Level
Legendre Coefficients

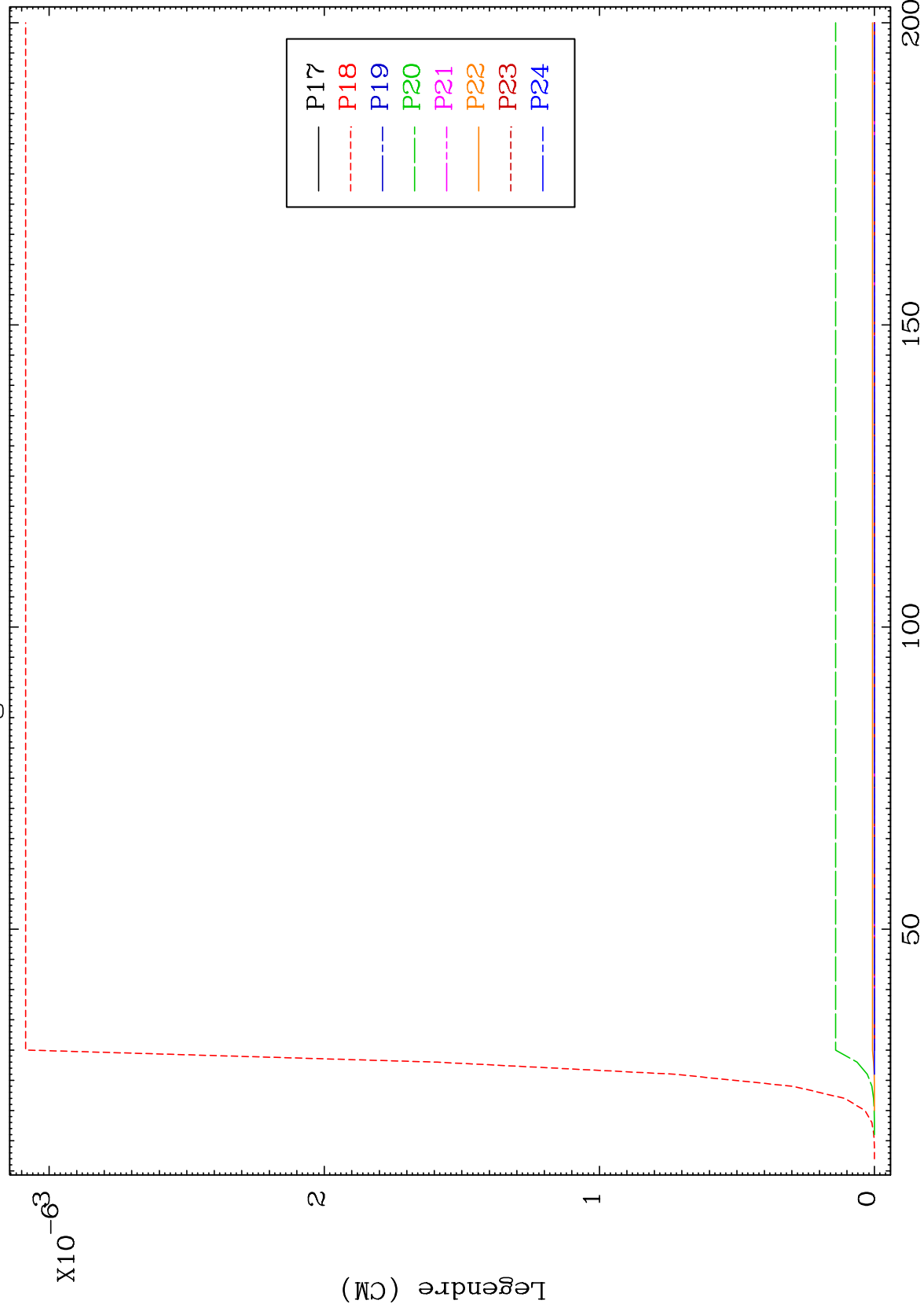
51-Sb-116



MAT 5110

MT= 64 (n,n') Level
Legendre Coefficients

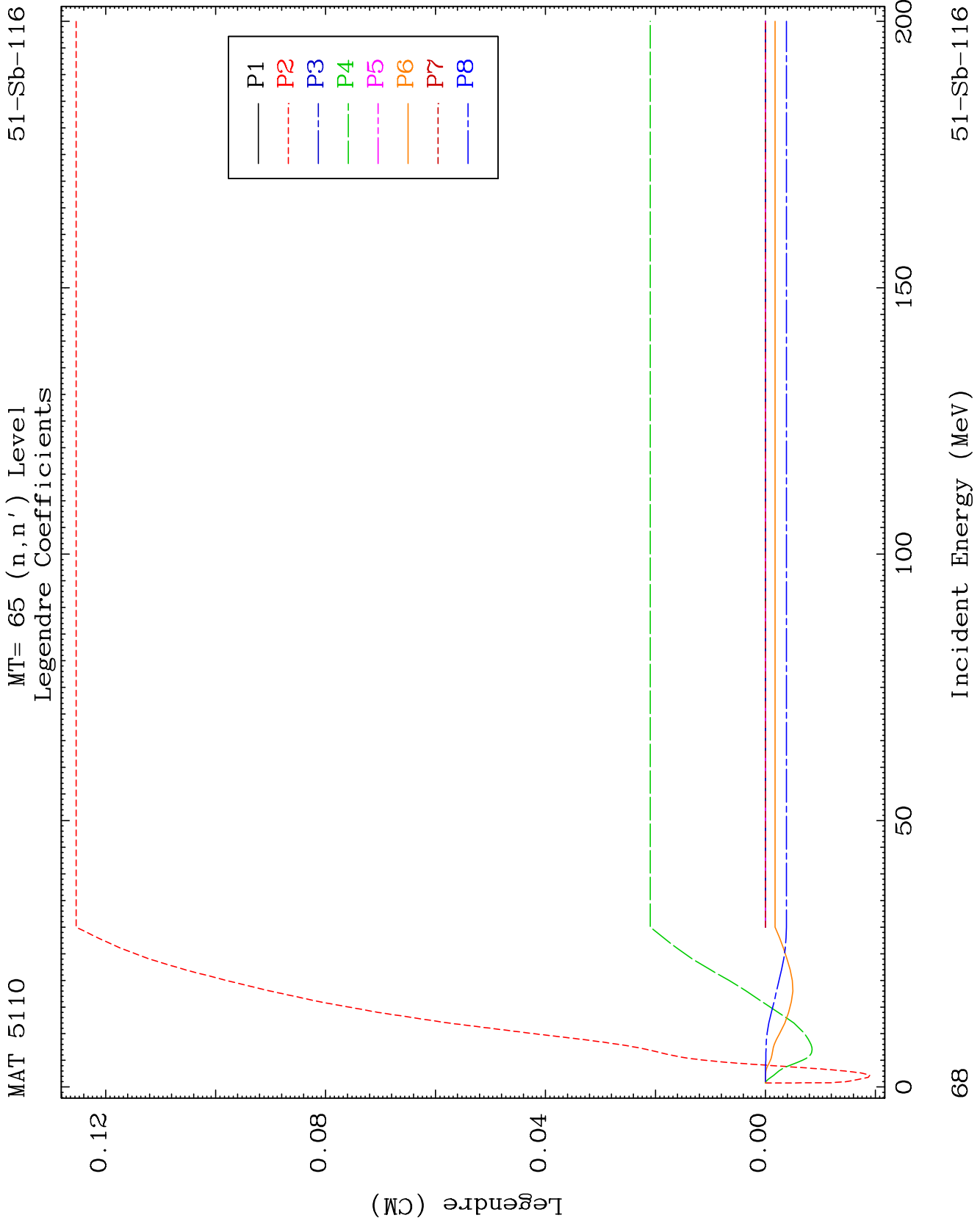
51-Sb-116

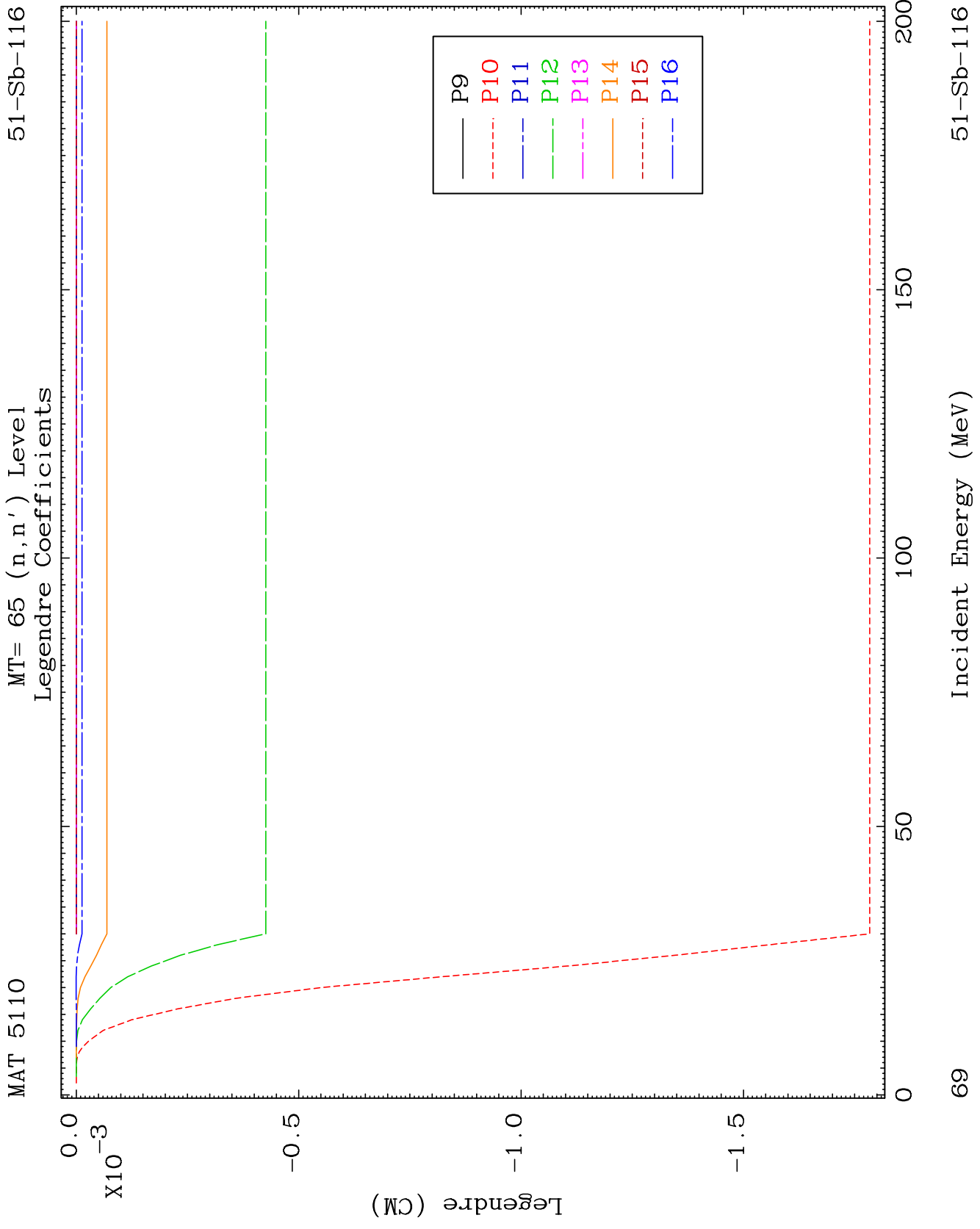


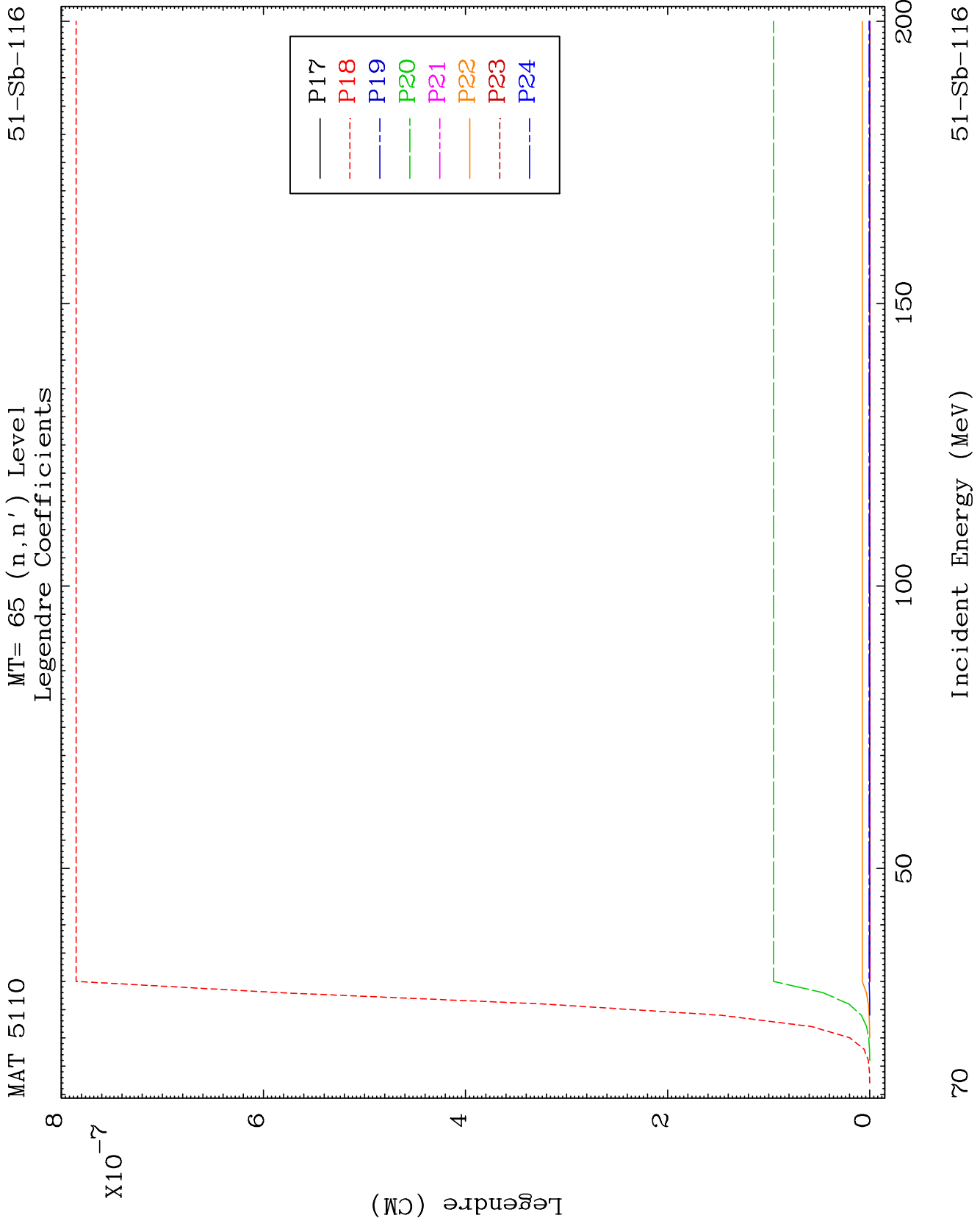
51-Sb-116

Incident Energy (MeV)

67



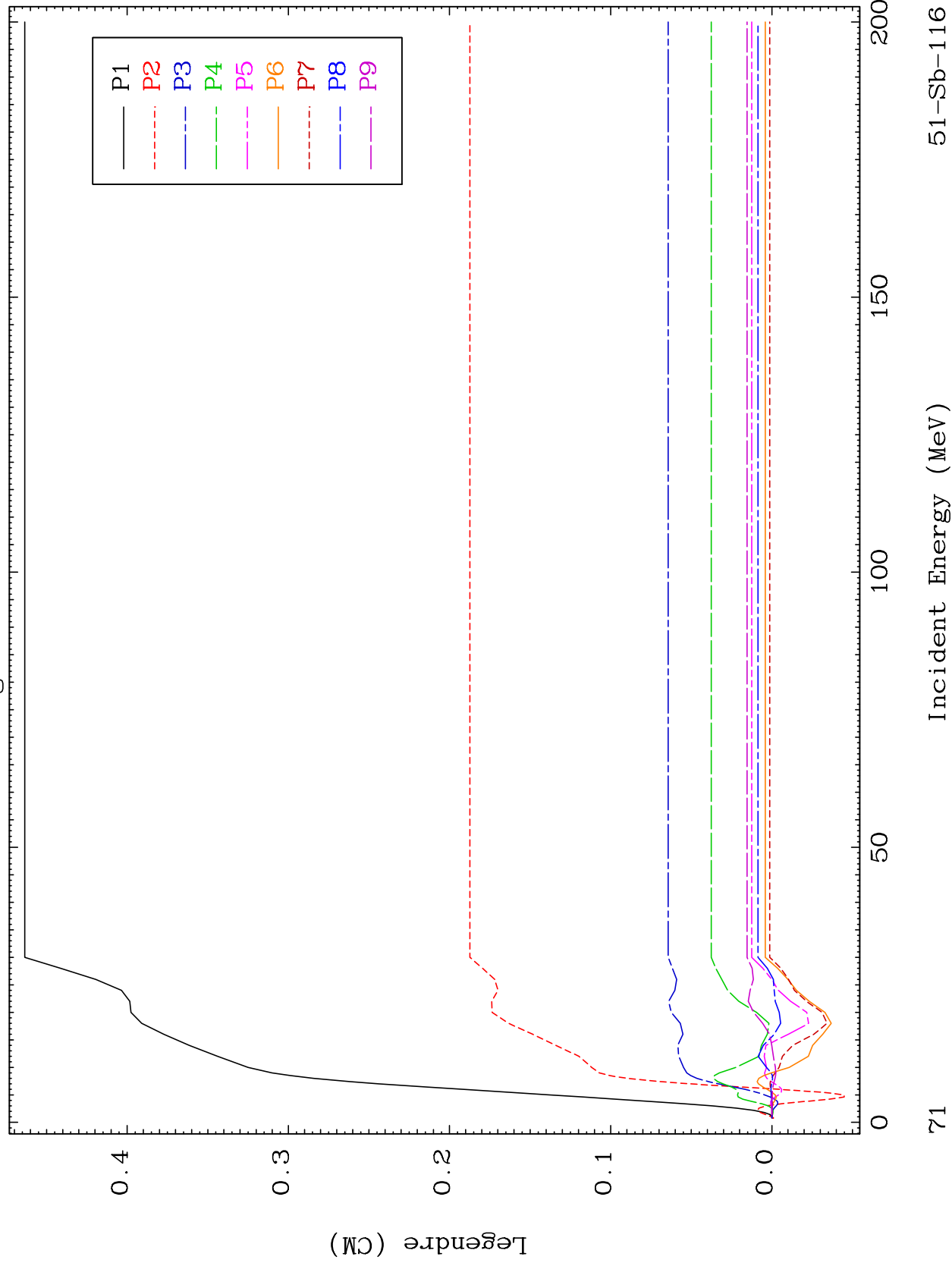




MAT 5110

MT= 66 (n,n') Level
Legendre Coefficients

51-Sb-116



51-Sb-116

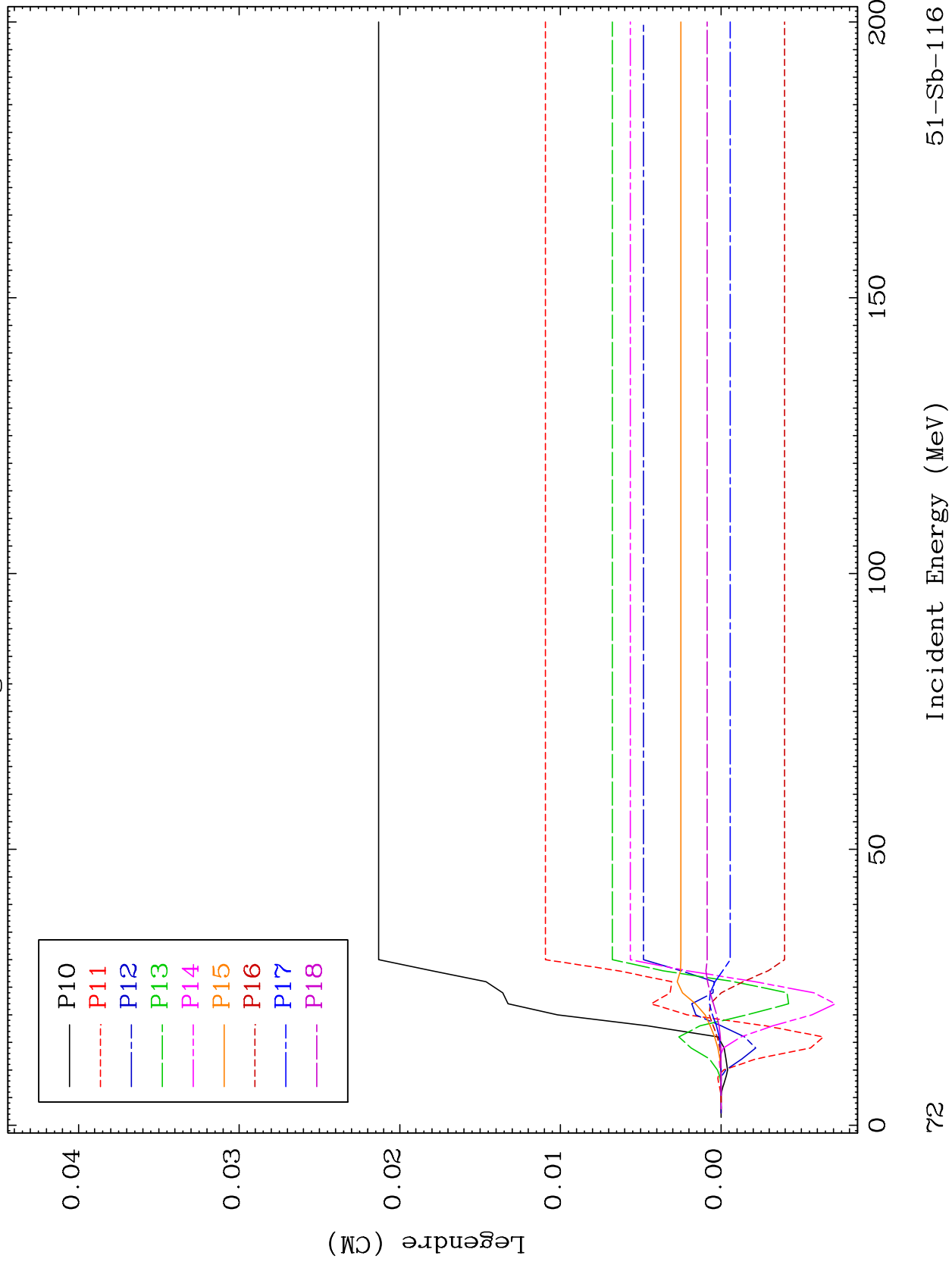
Incident Energy (MeV)

71

MAT 5110

MT= 66 (n,n') Level
Legendre Coefficients

51-Sb-116



72

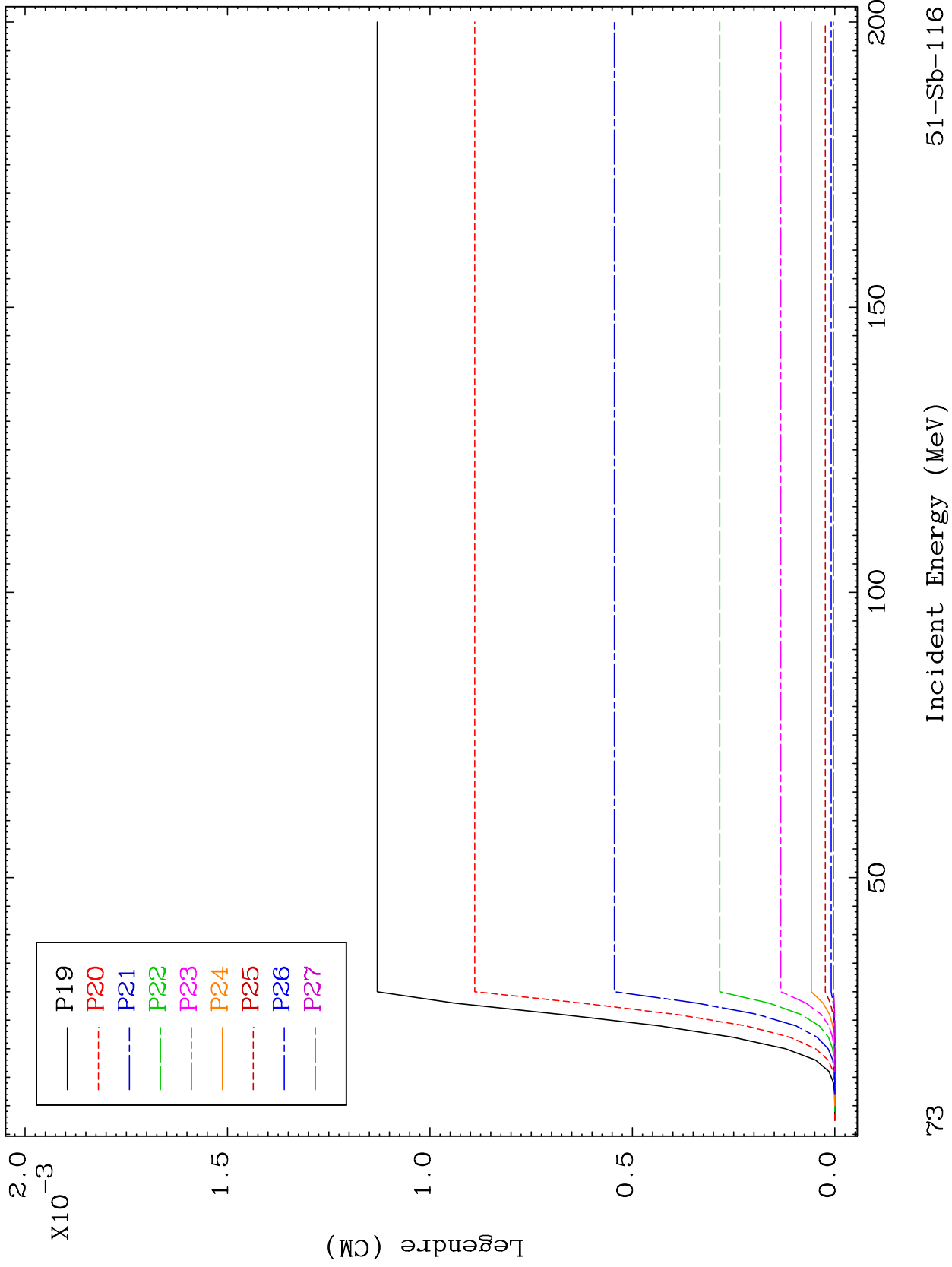
Incident Energy (MeV)

51-Sb-116

MAT 5110

MT= 66 (n,n') Level
Legendre Coefficients

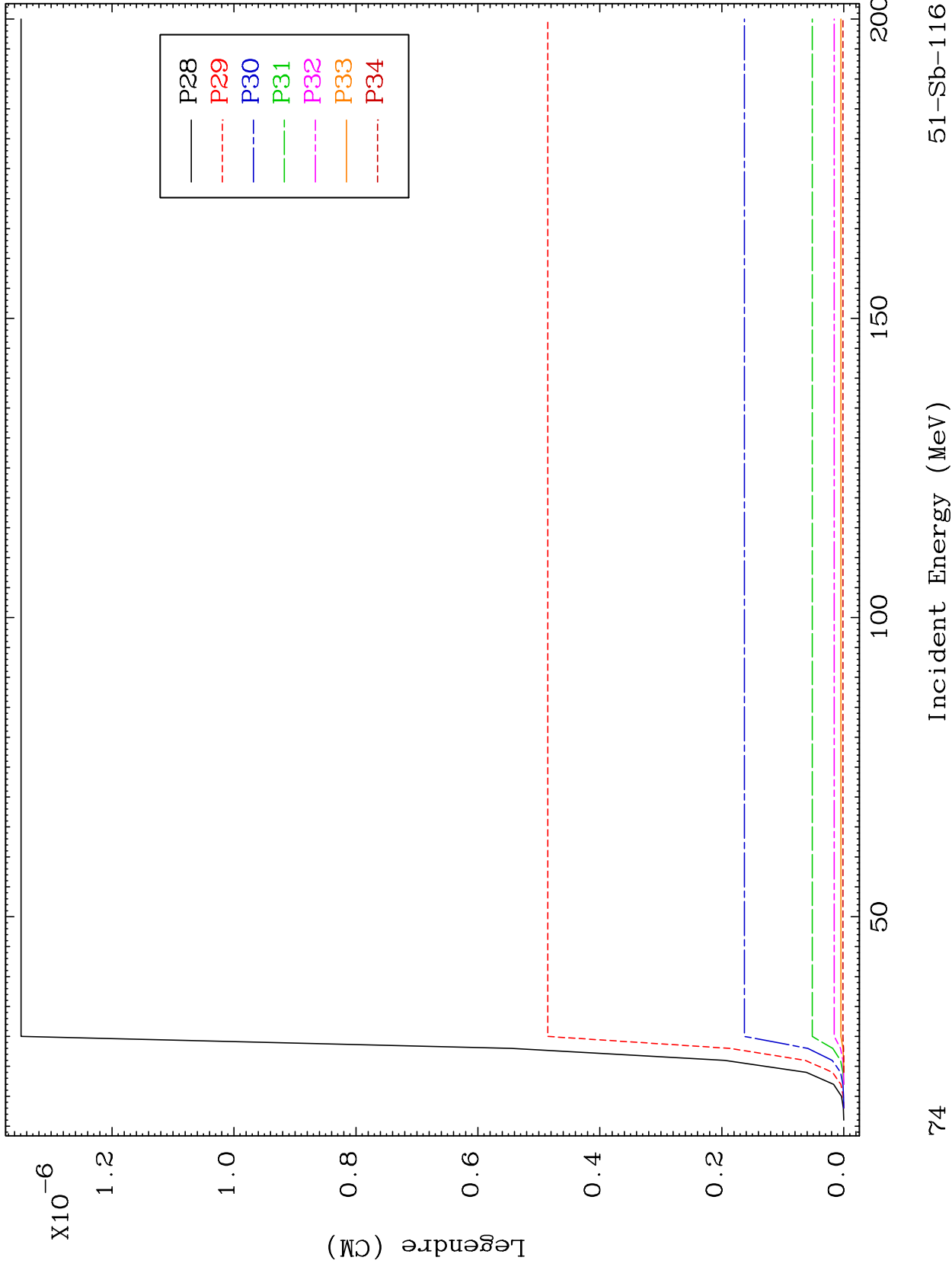
51-Sb-116



MAT 5110

MT= 66 (n,n') Level
Legendre Coefficients

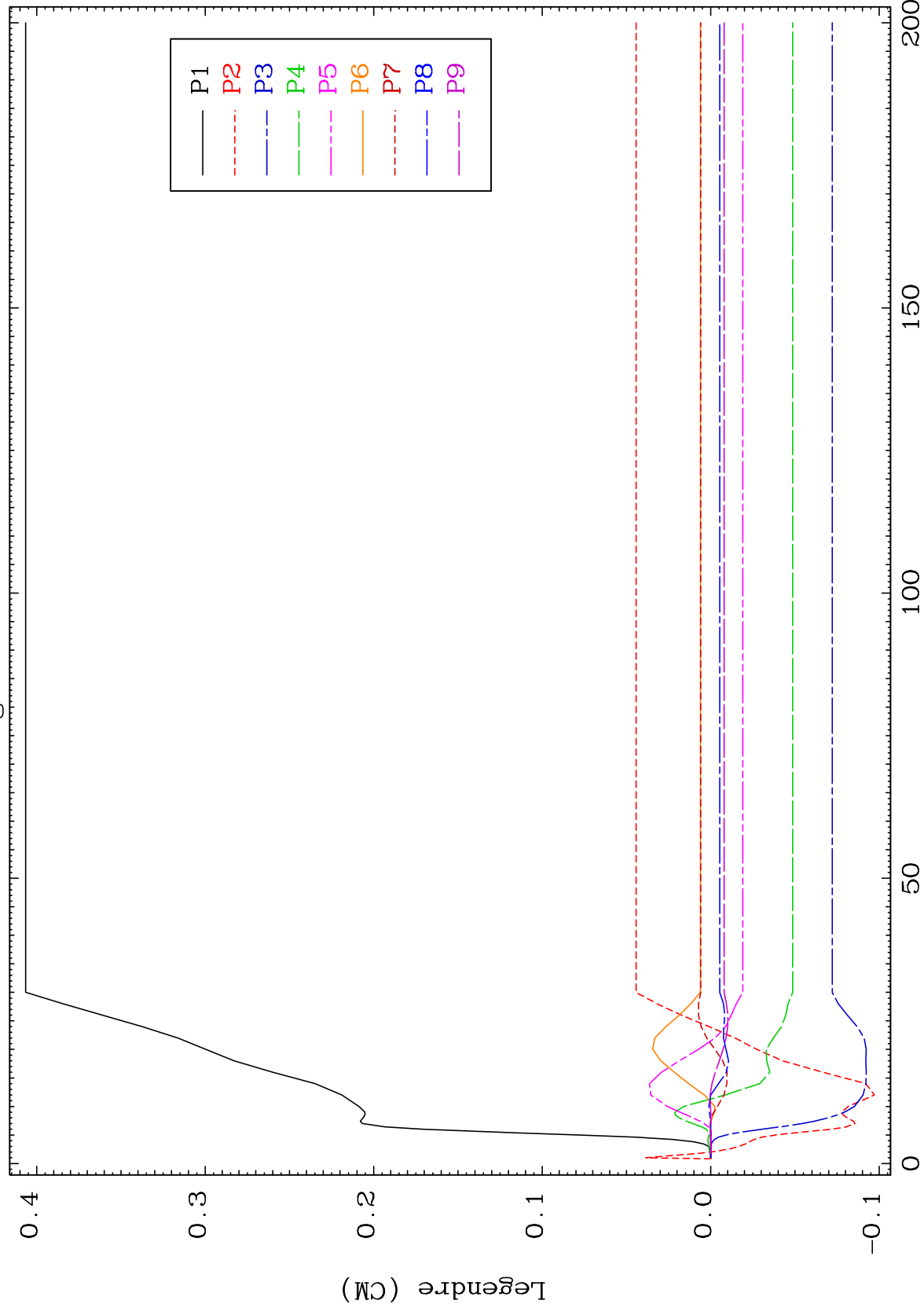
51-Sb-116



MAT 5110

MT= 67 (n,n') Level
Legendre Coefficients

51-Sb-116



75

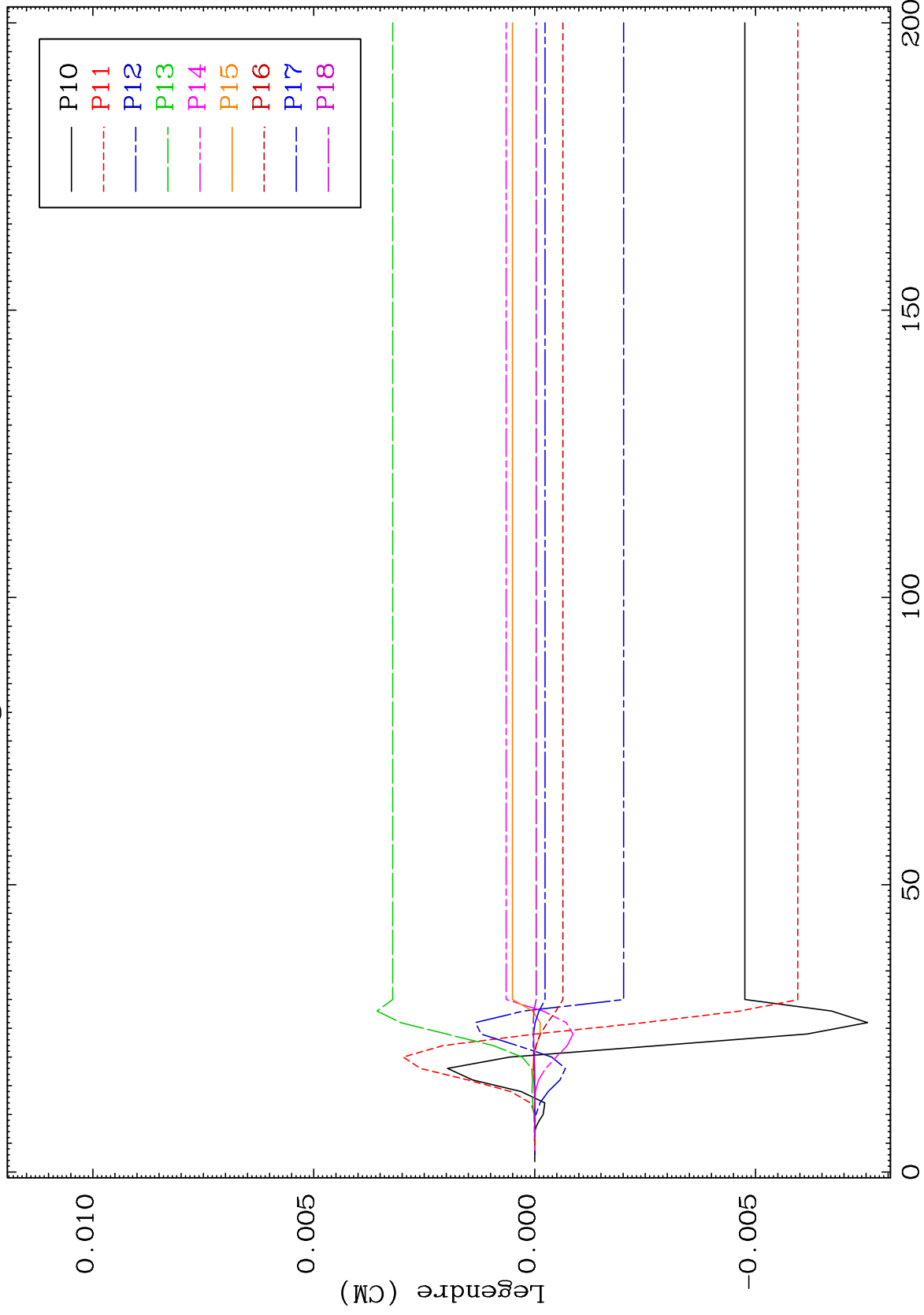
Incident Energy (MeV)

51-Sb-116

MAT 5110

MT= 67 (n,n') Level
Legendre Coefficients

51-Sb-116



76

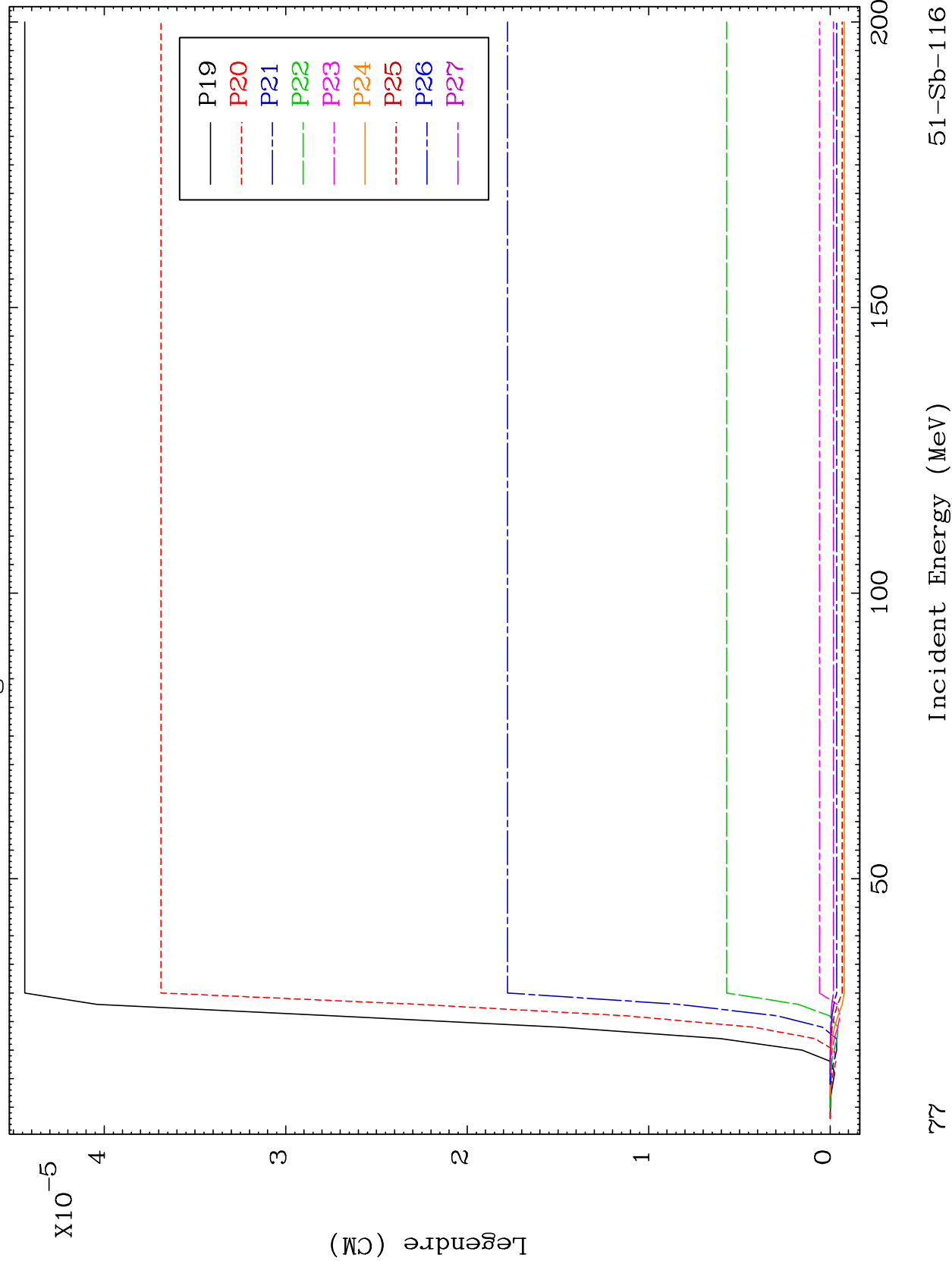
Incident Energy (MeV)

51-Sb-116

MAT 5110

MT= 67 (n,n') Level
Legendre Coefficients

51-Sb-116



77

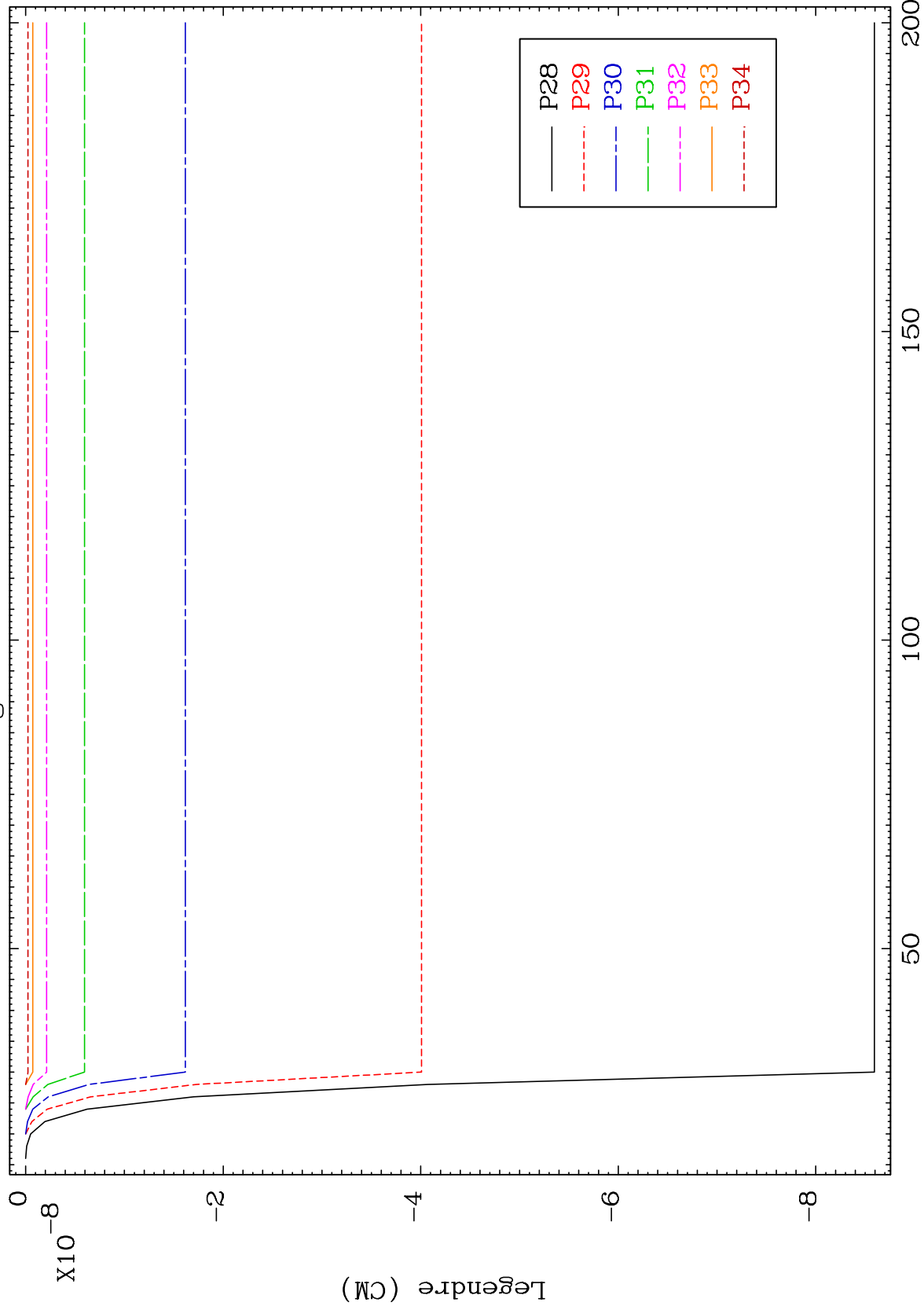
51-Sb-116

MAT 5110

MT= 67 (n,n') Level

51-Sb-116

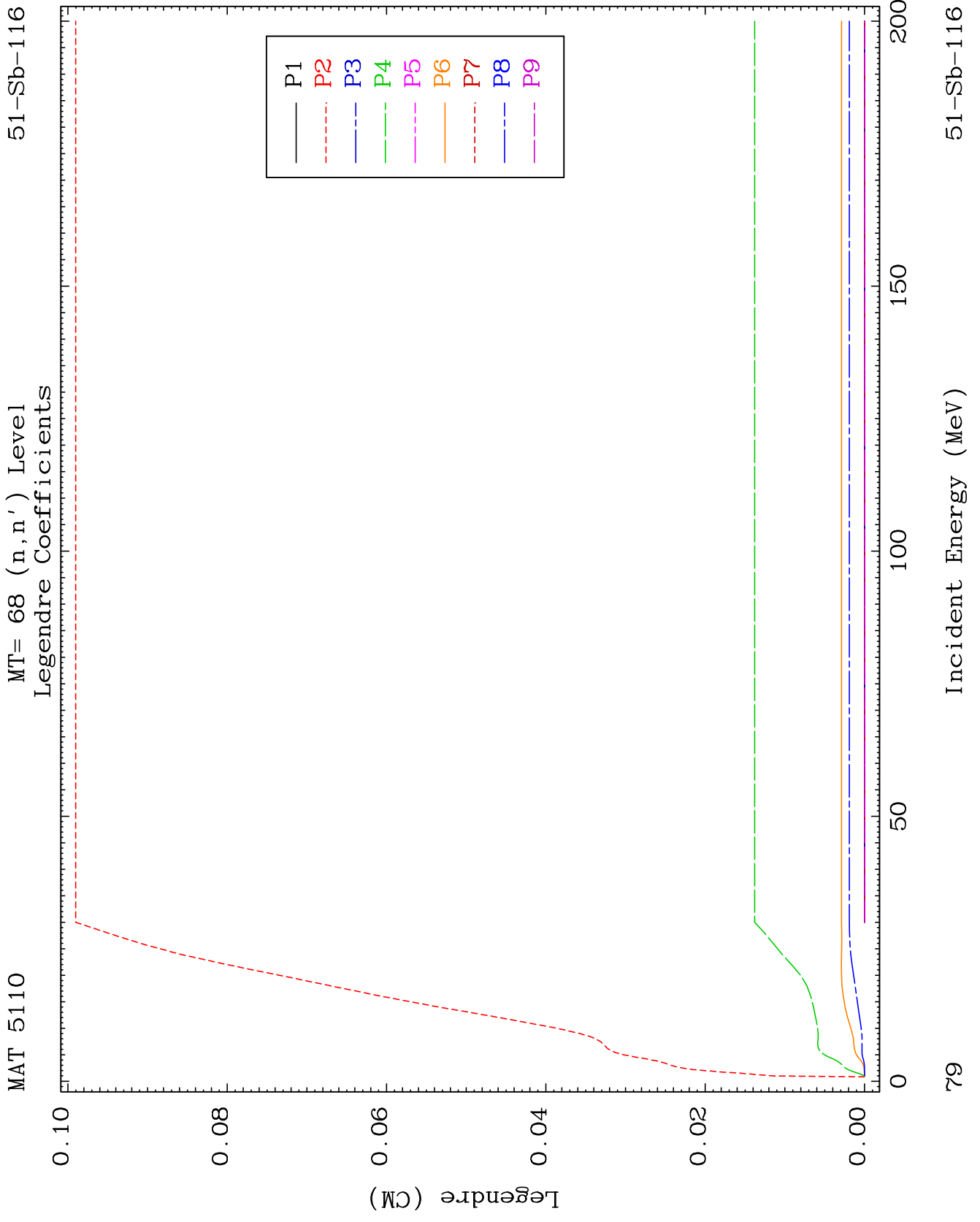
Legendre Coefficients



51-Sb-116

Incident Energy (MeV)

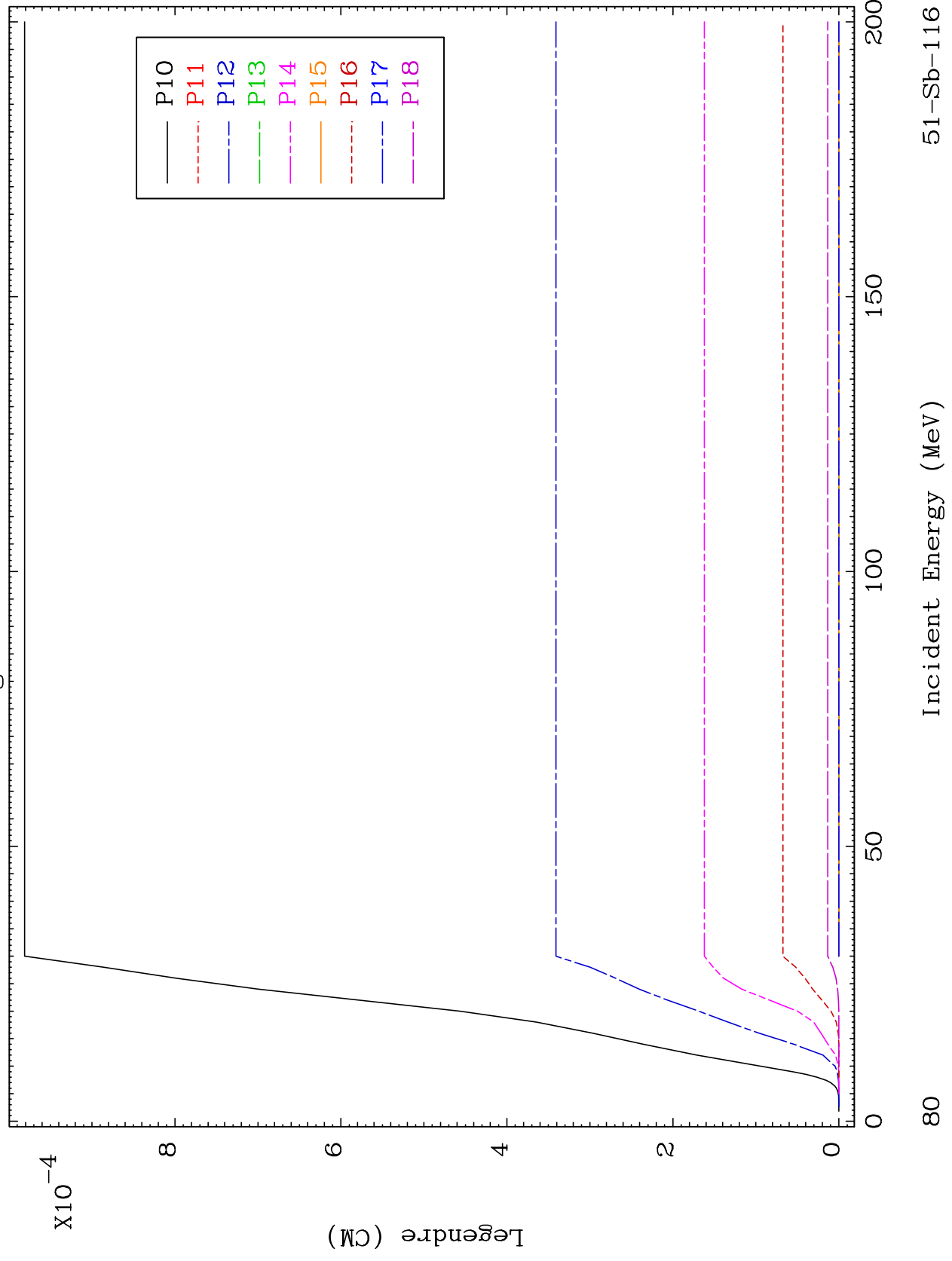
78



MAT 5110

MT= 68 (n,n') Level
Legendre Coefficients

51-Sb-116



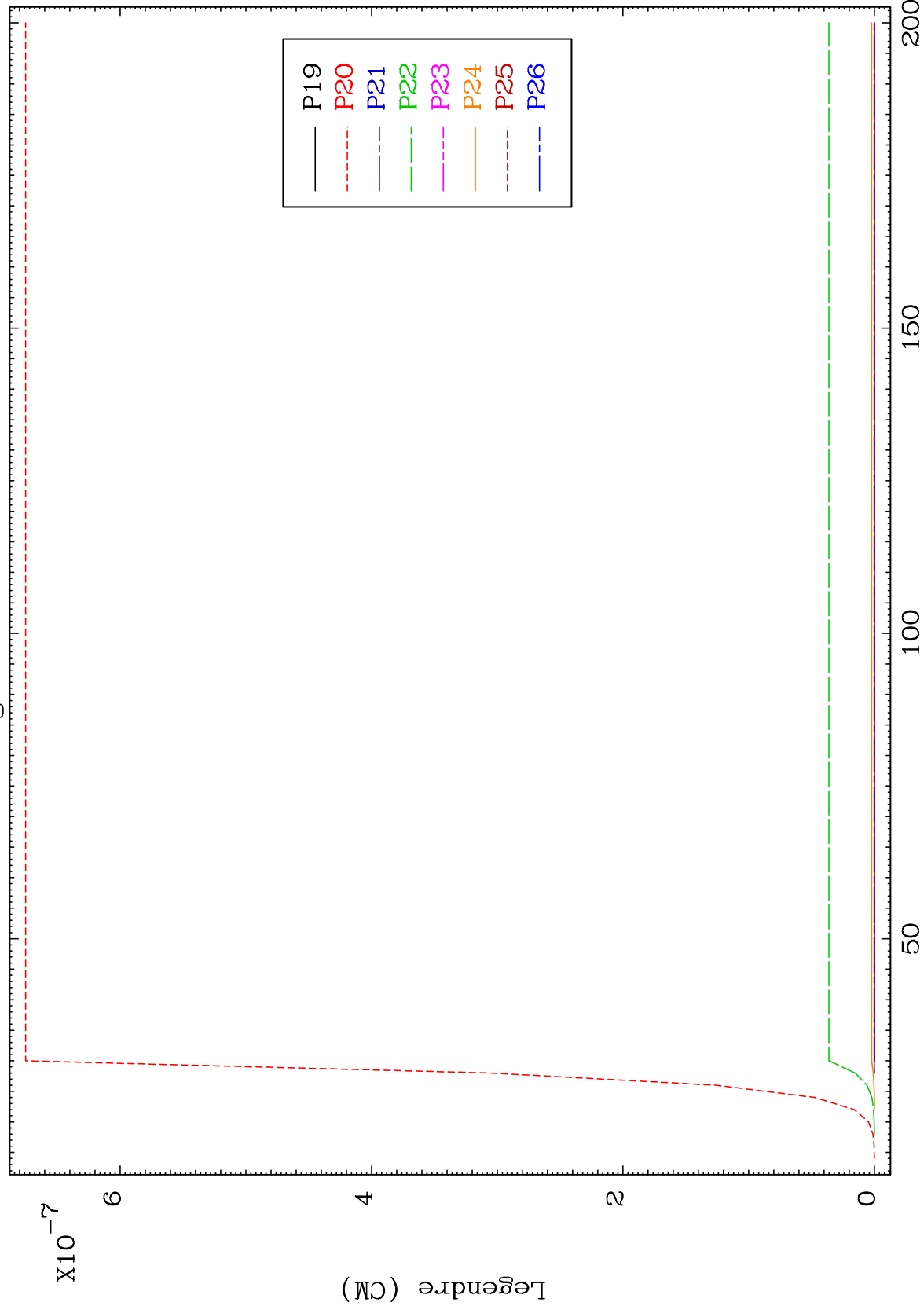
51-Sb-116

Incident Energy (MeV)

MAT 5110

MT= 68 (n,n') Level
Legendre Coefficients

51-Sb-116



51-Sb-116

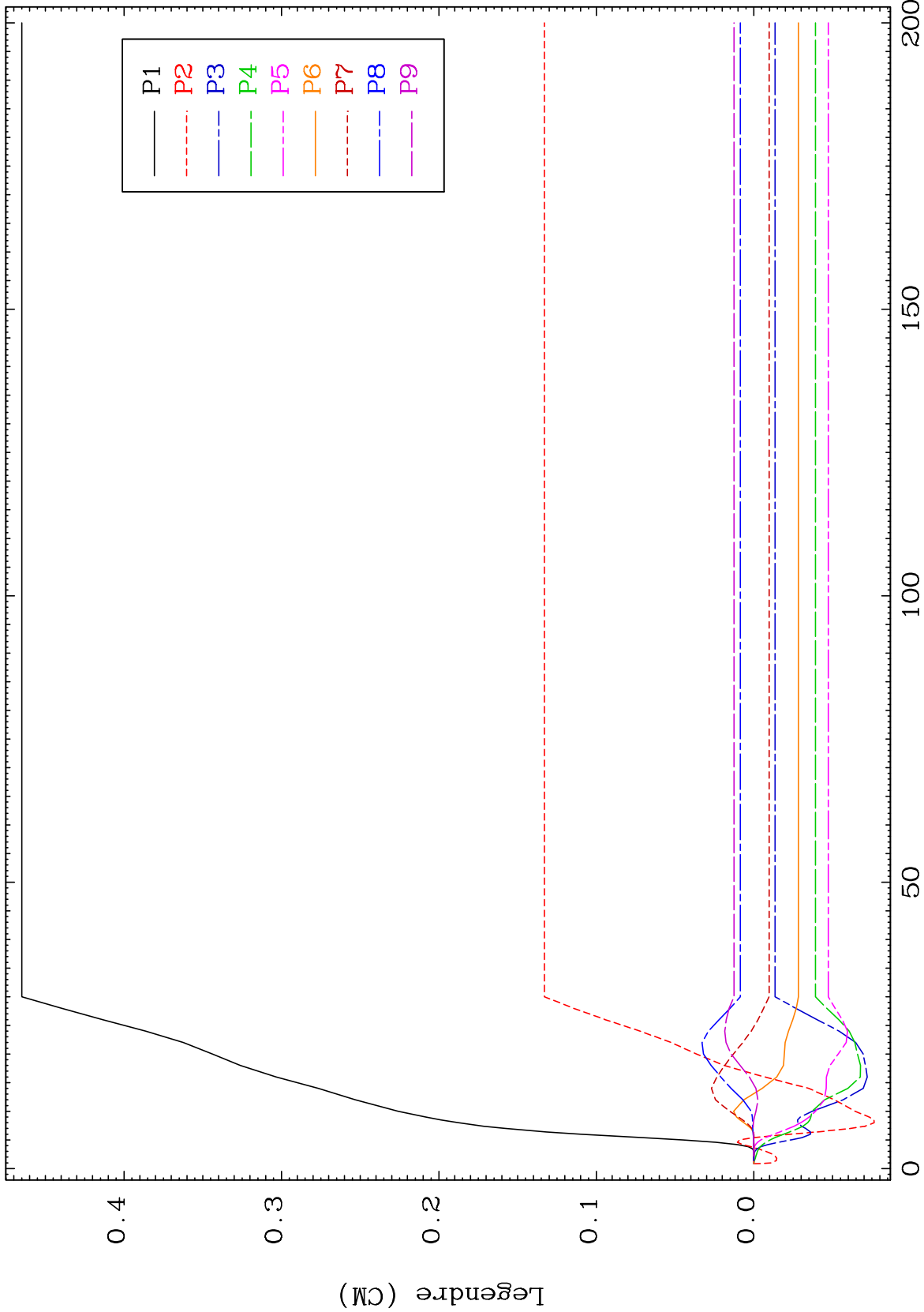
Incident Energy (MeV)

81

MAT 5110

MT= 69 (n,n') Level
Legendre Coefficients

51-Sb-116



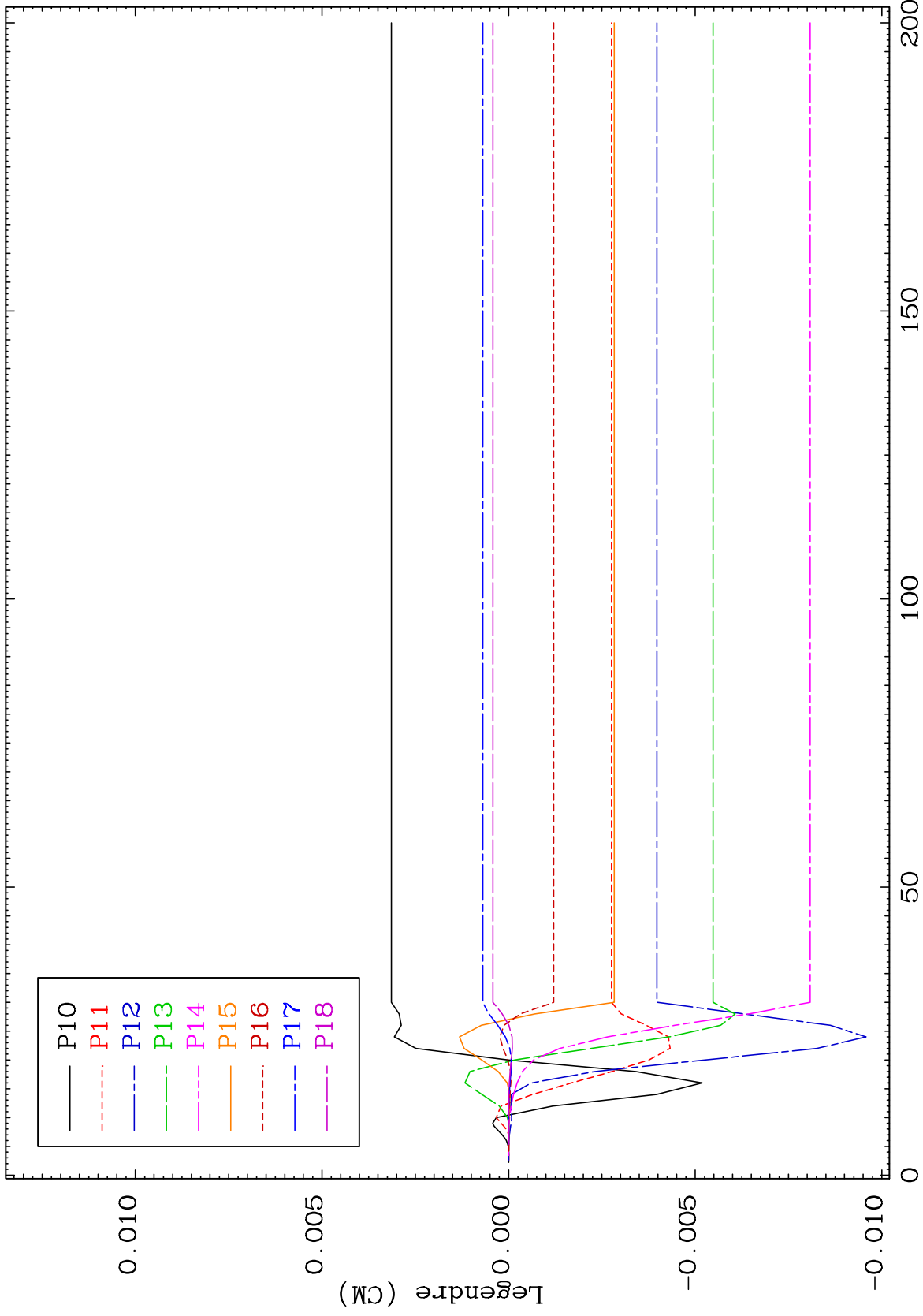
82

51-Sb-116

MAT 5110

MT= 69 (n,n') Level
Legendre Coefficients

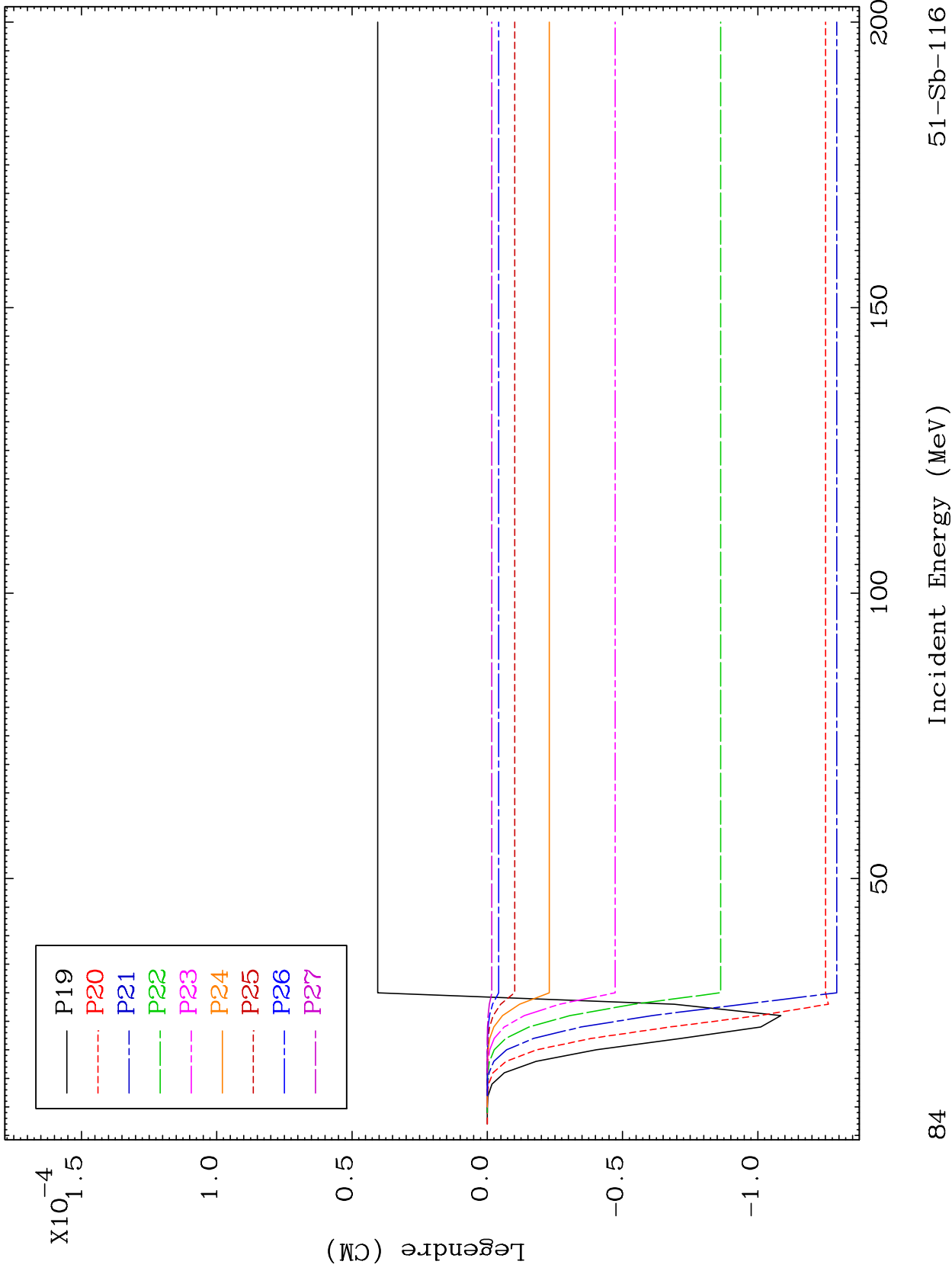
51-Sb-116



83

Incident Energy (MeV)

51-Sb-116

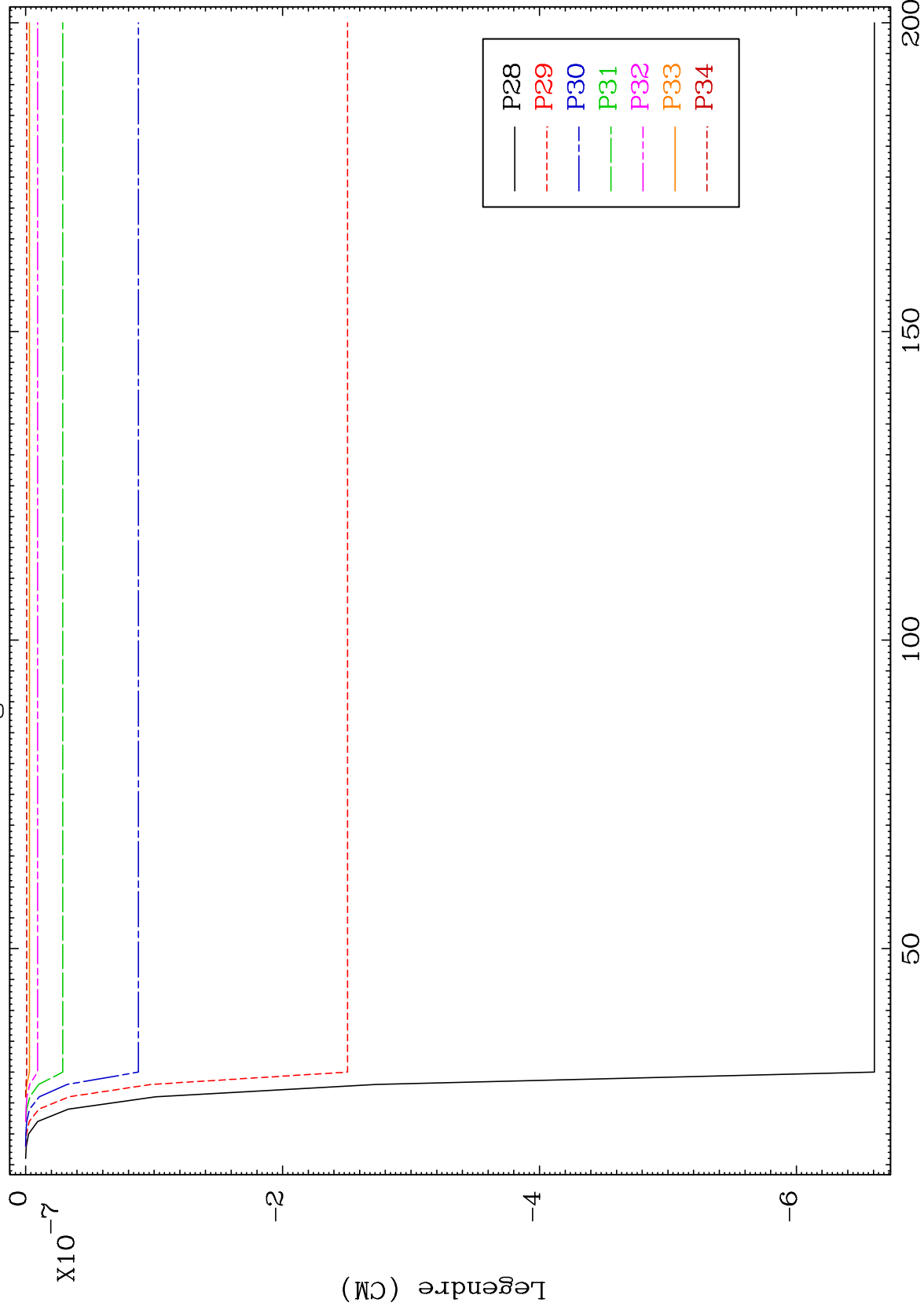


MAT 5110

MT= 69 (n,n') Level

51-Sb-116

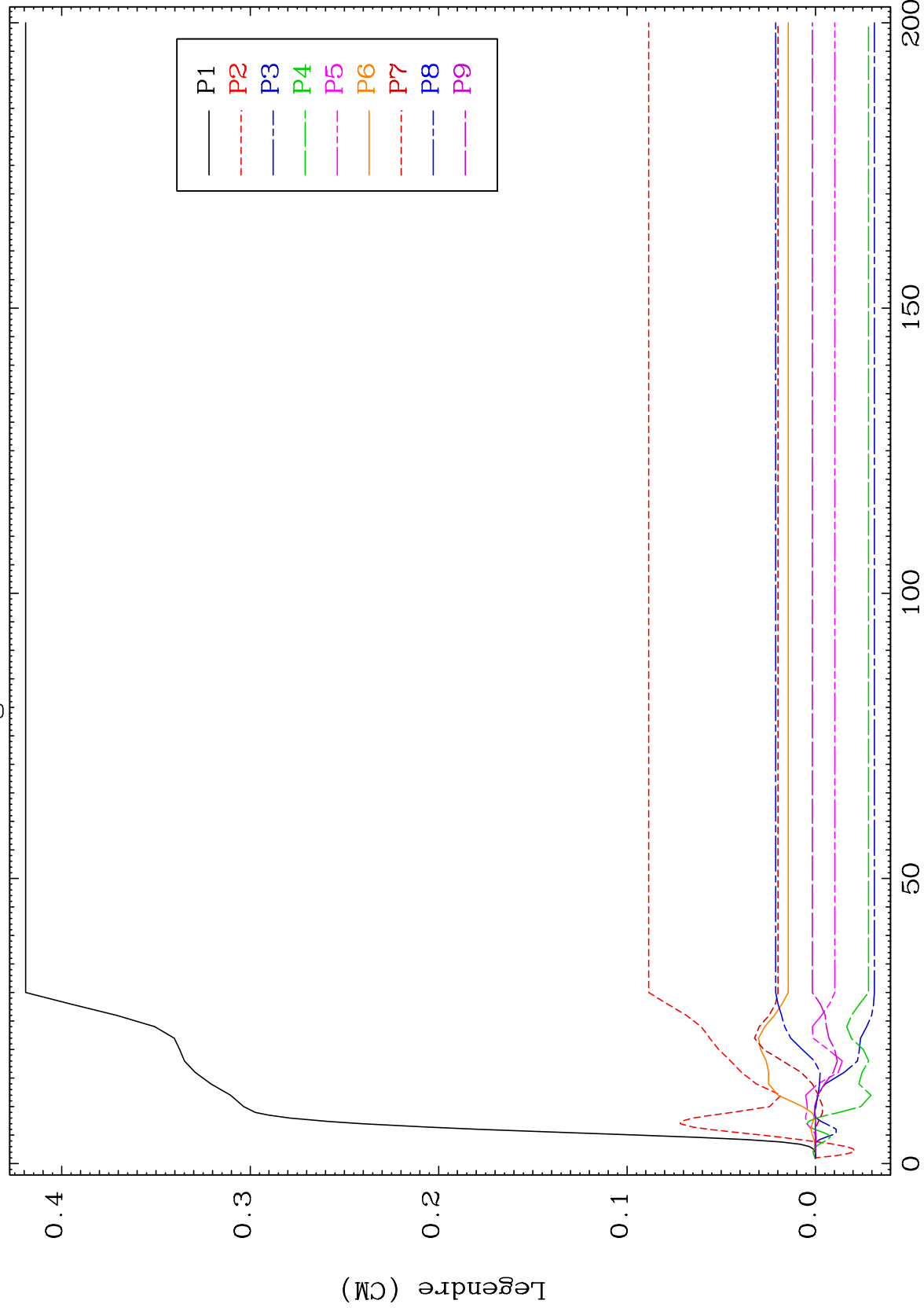
Legendre Coefficients

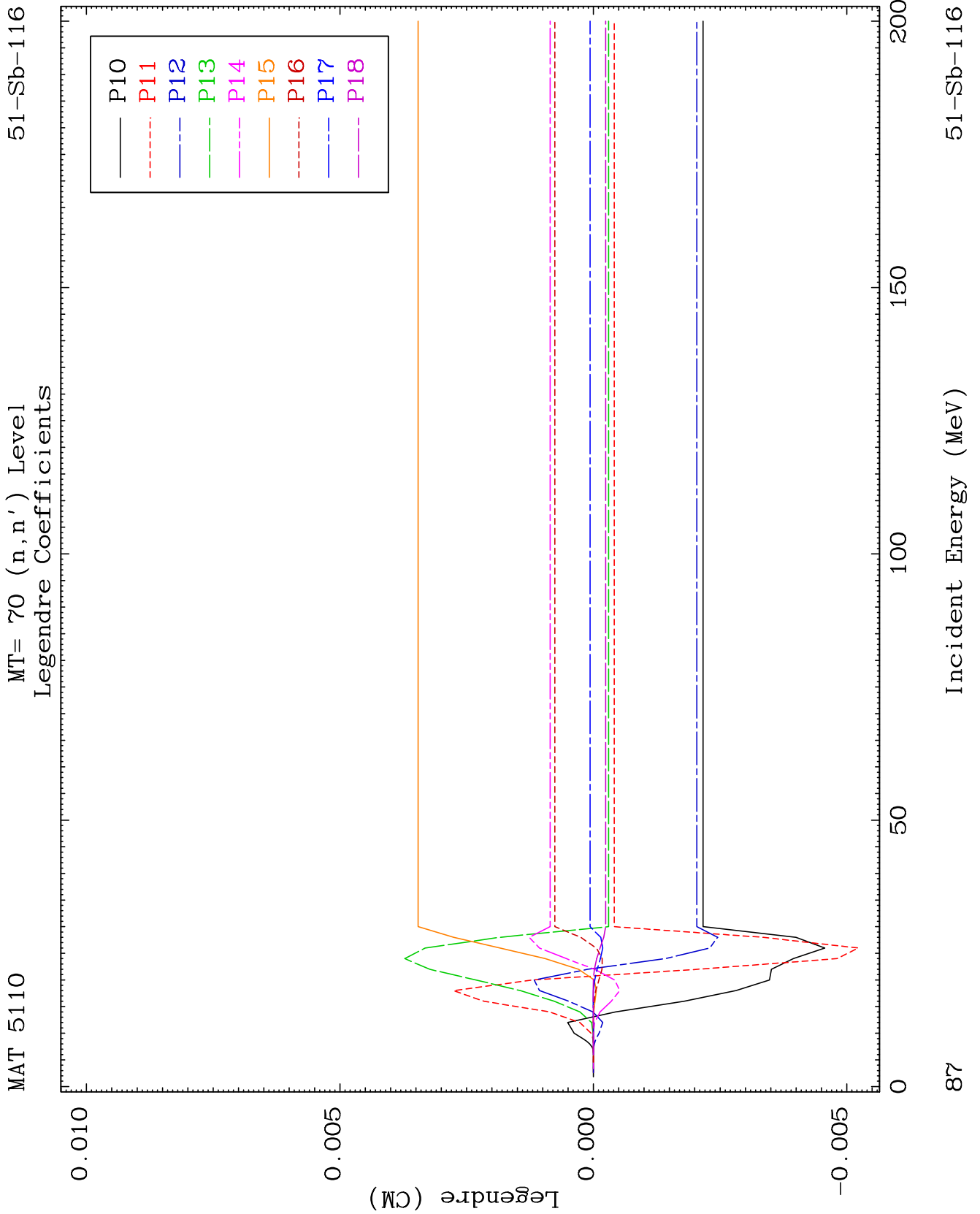


51-Sb-116

Incident Energy (MeV)

85

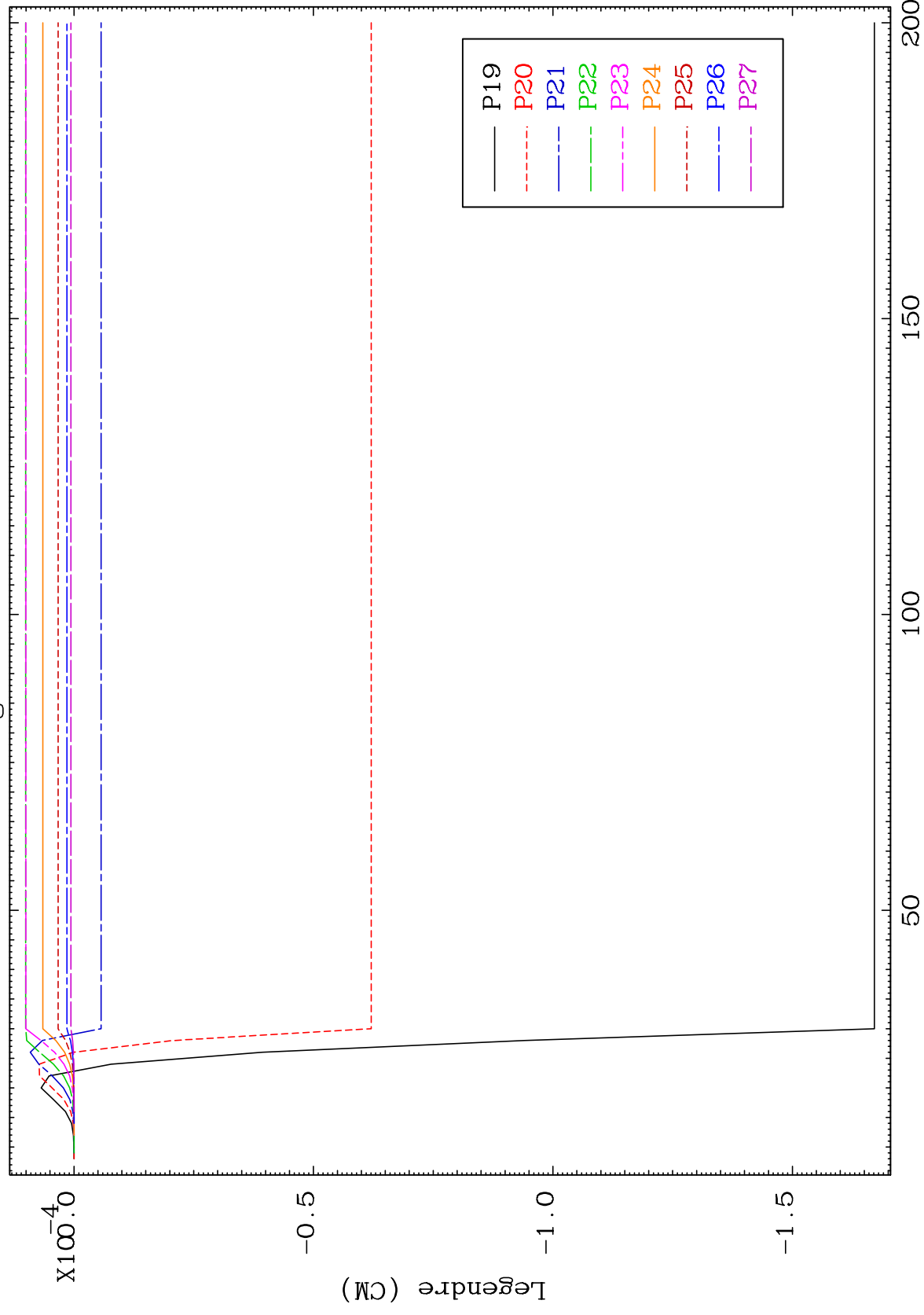




MAT 5110

MT= 70 (n,n') Level
Legendre Coefficients

51-Sb-116



88

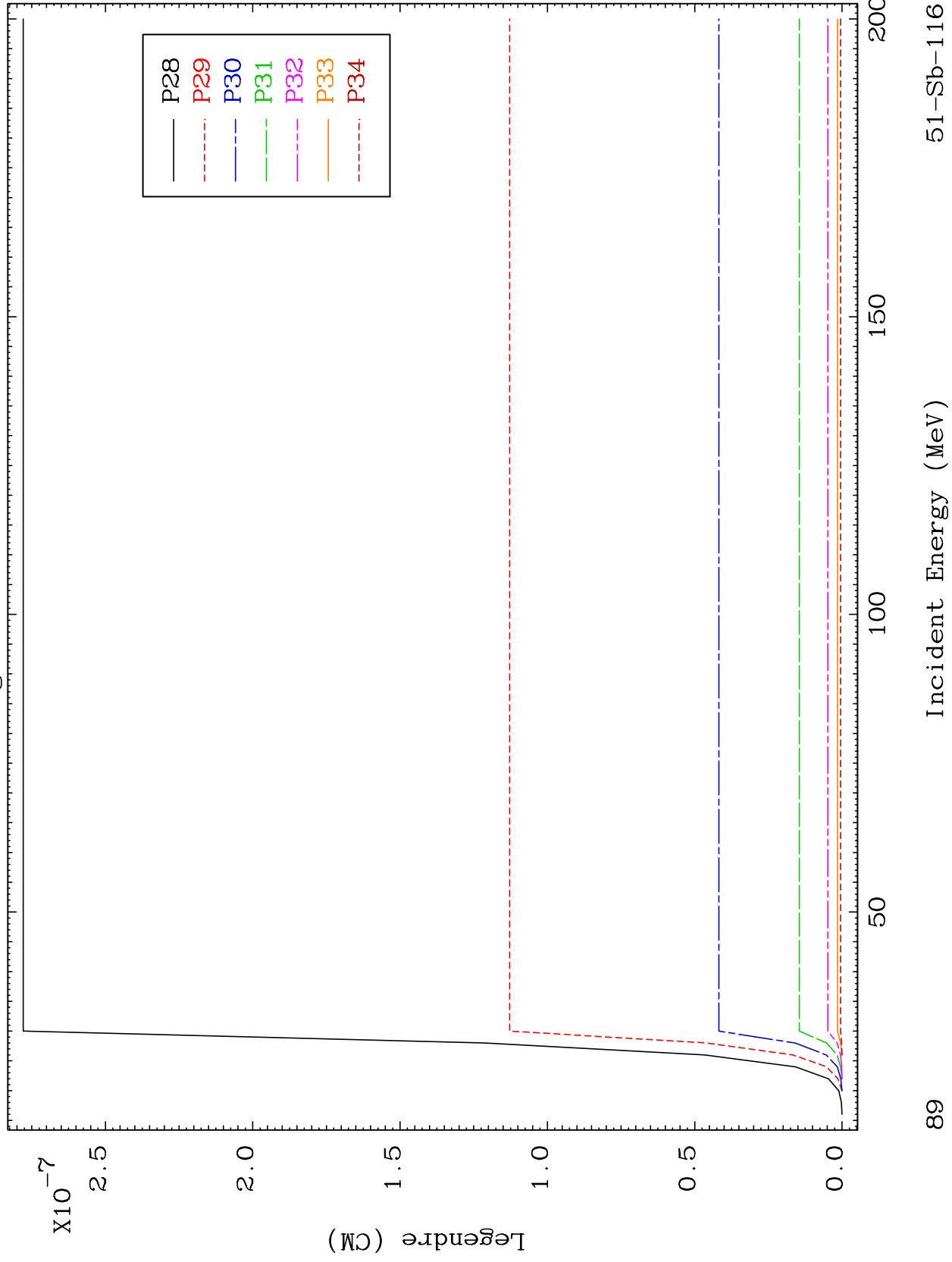
Incident Energy (MeV)

51-Sb-116

MAT 5110

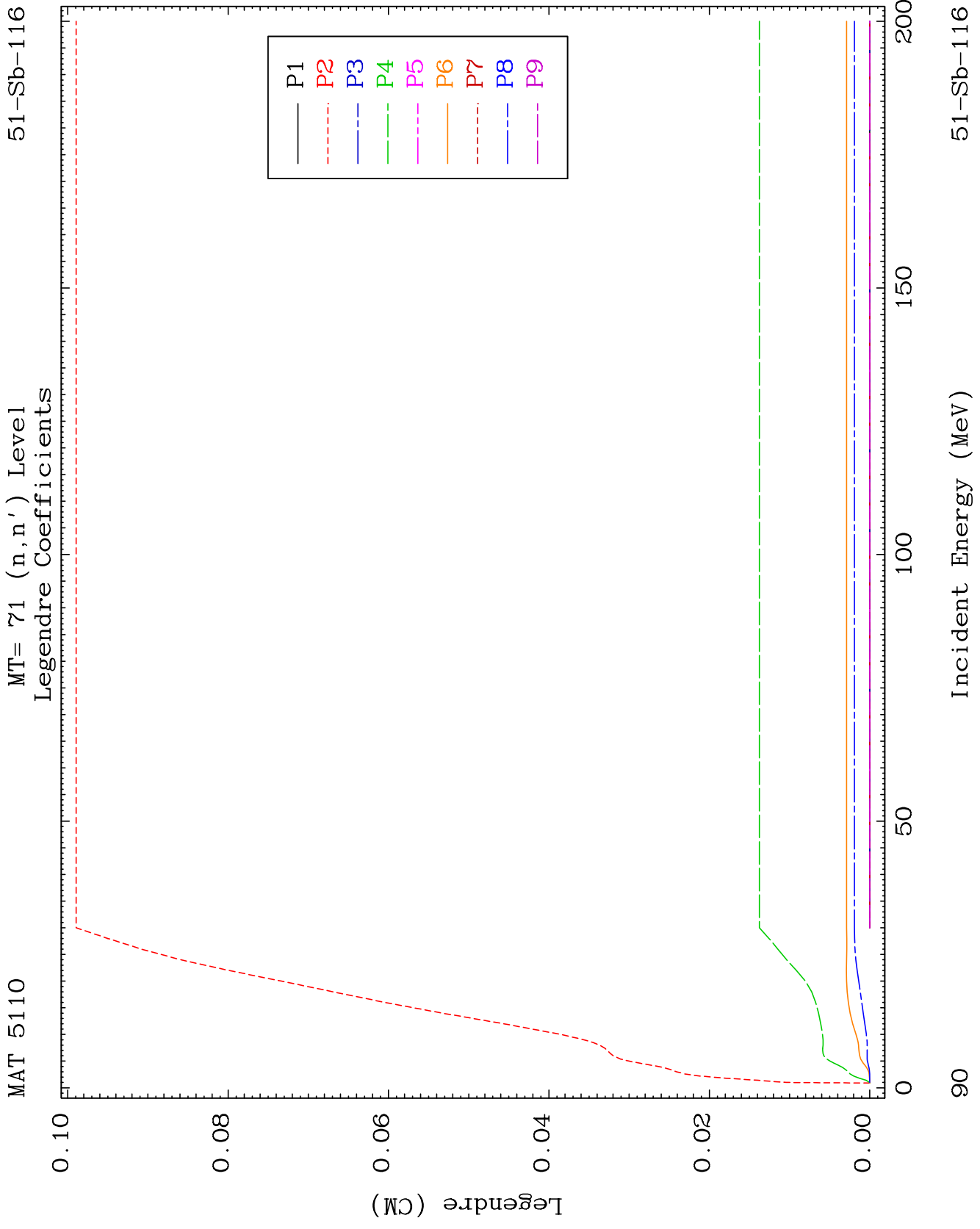
MT= 70 (n,n') Level
Legendre Coefficients

51-Sb-116



89

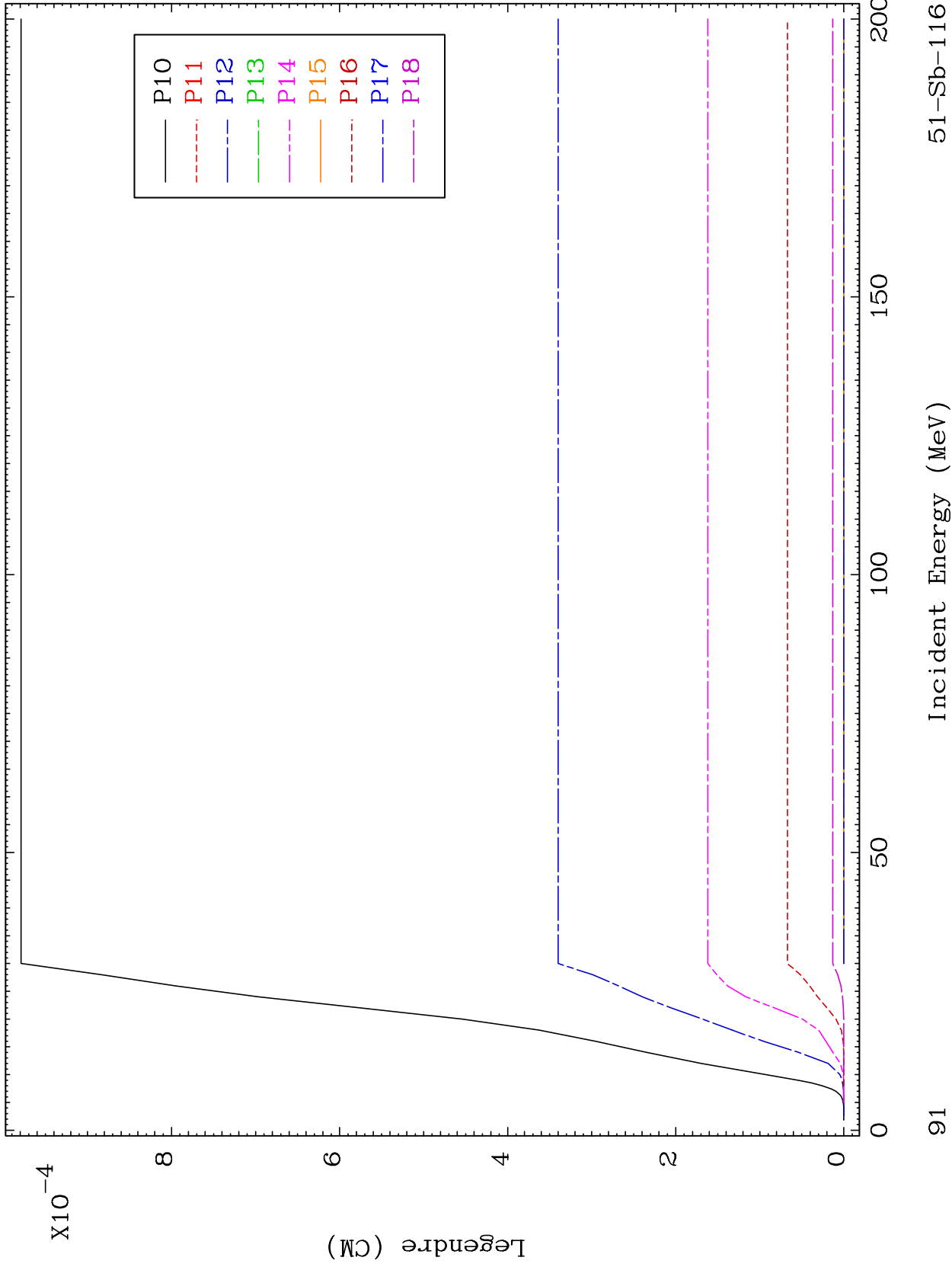
51-Sb-116



MAT 5110

MT= 71 (n,n') Level
Legendre Coefficients

51-Sb-116



91

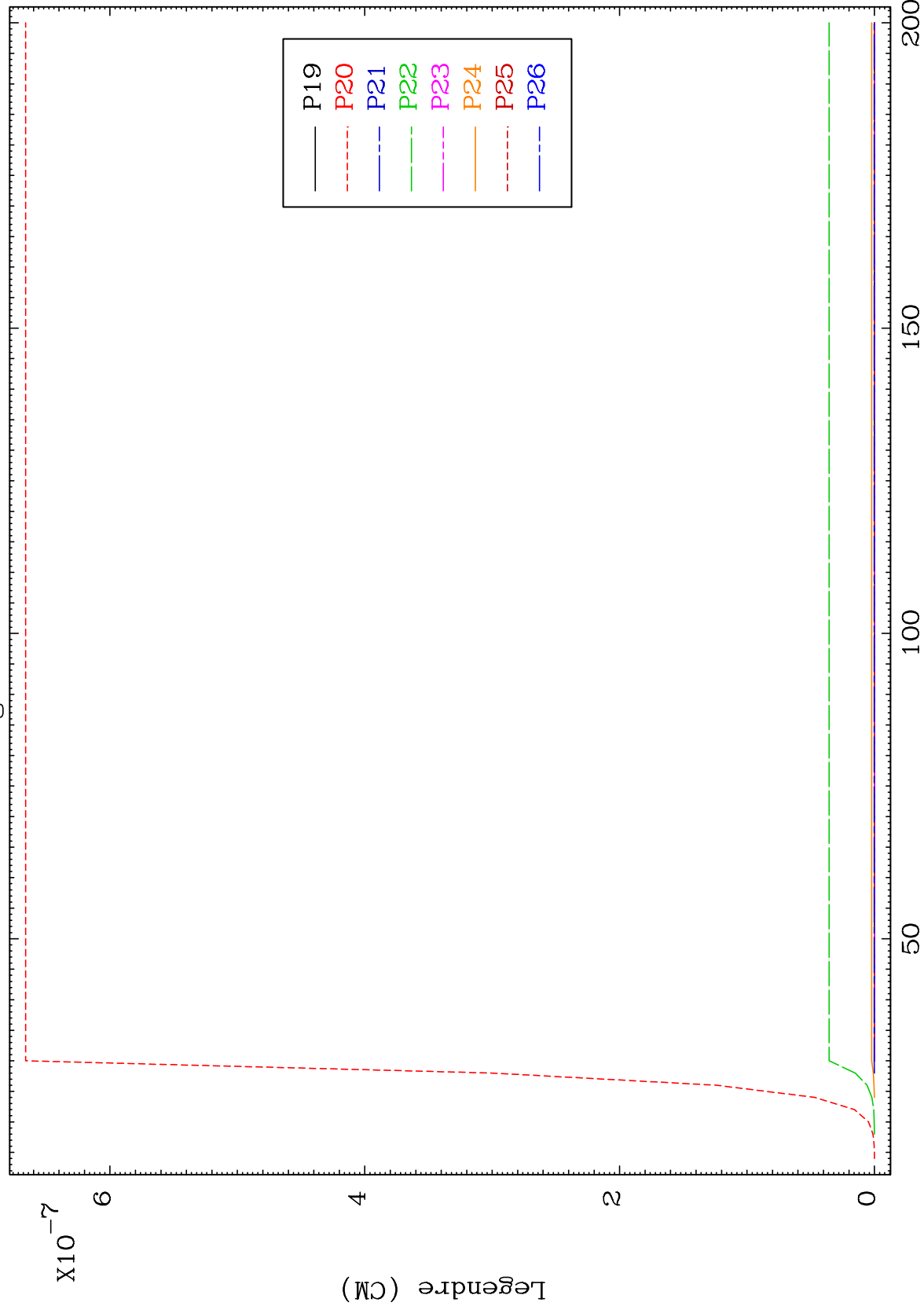
Incident Energy (MeV)

51-Sb-116

MAT 5110

MT= 71 (n,n') Level
Legendre Coefficients

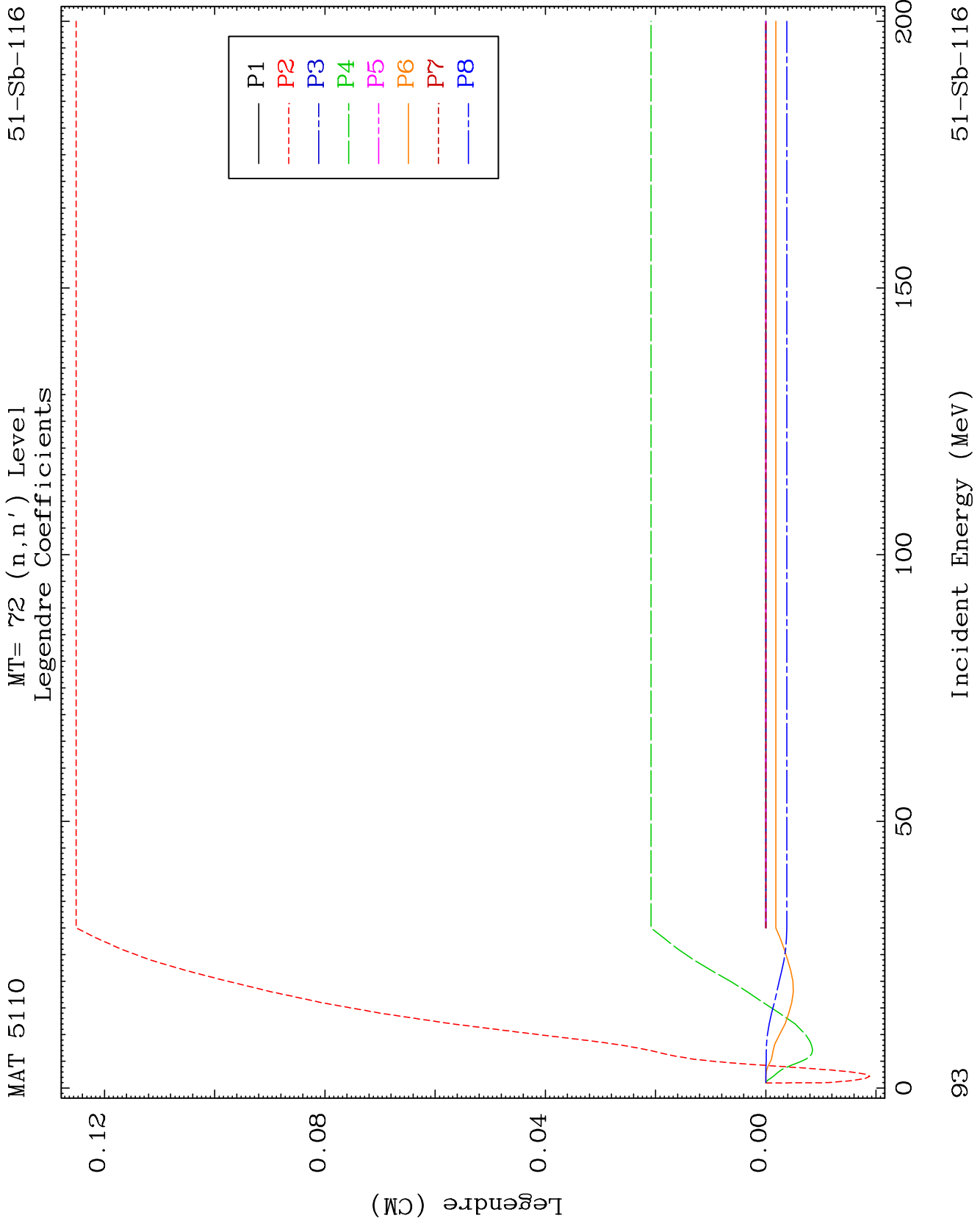
51-Sb-116

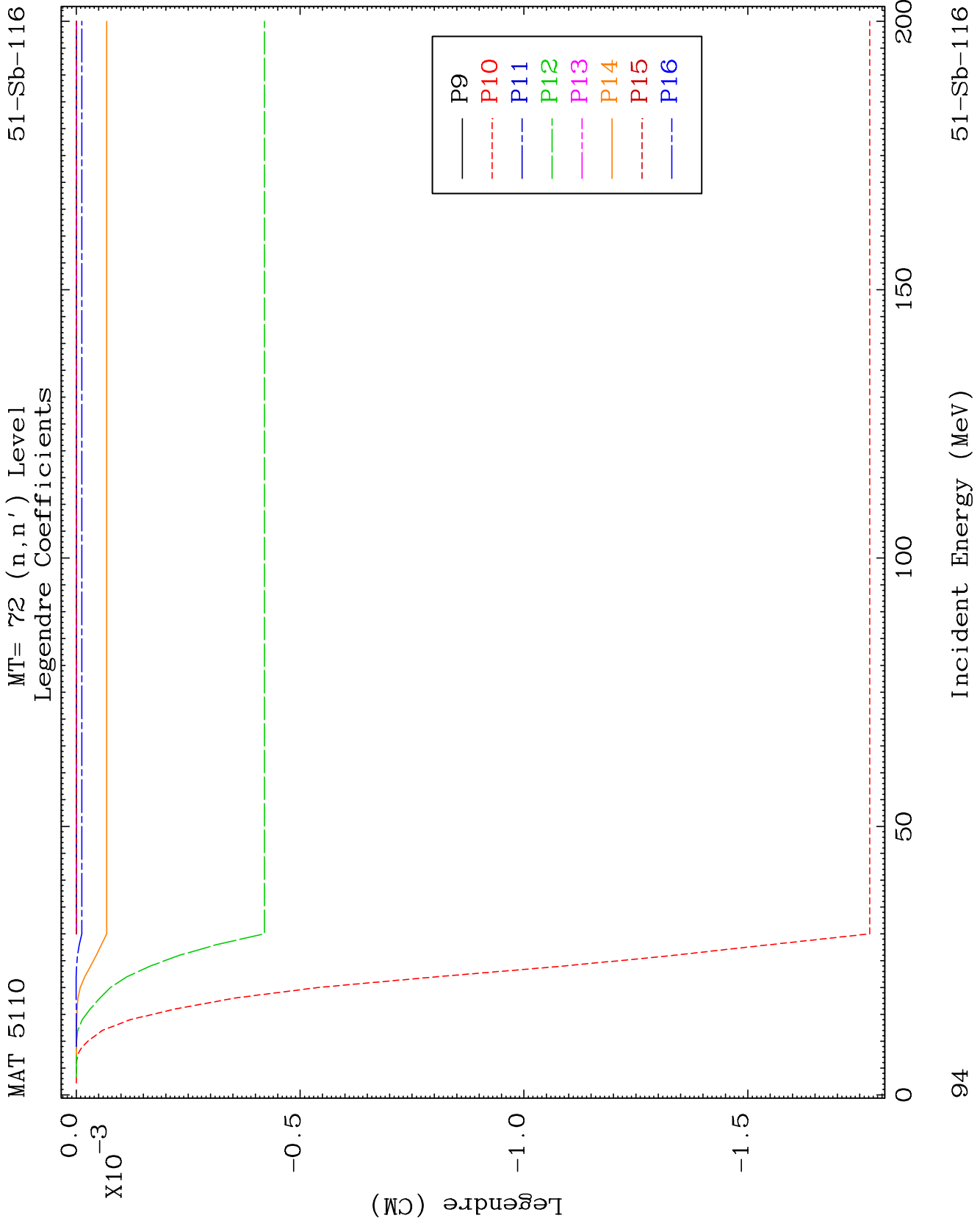


51-Sb-116

Incident Energy (MeV)

92

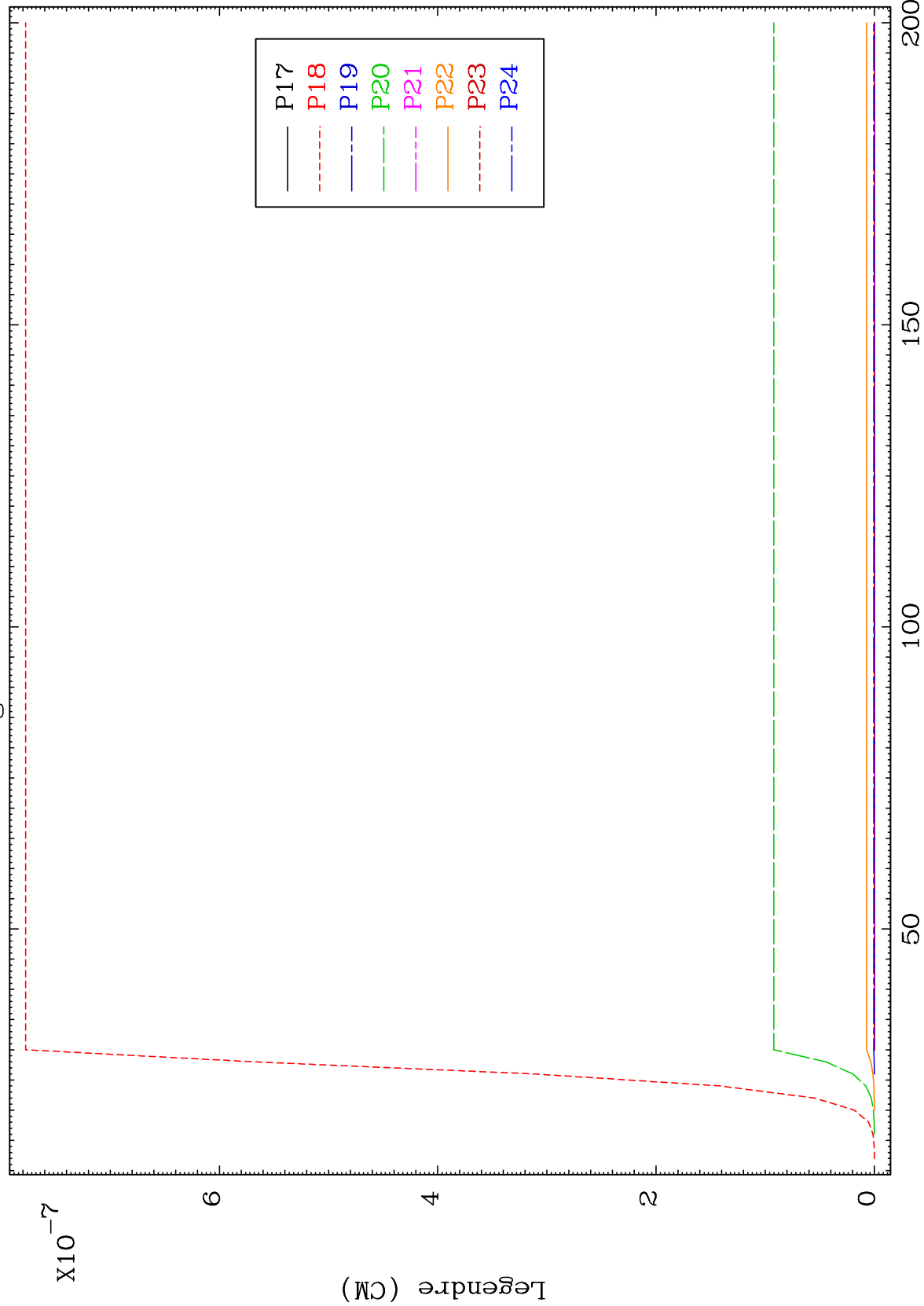




MAT 5110

MT= 72 (n,n') Level
Legendre Coefficients

51-Sb-116



51-Sb-116

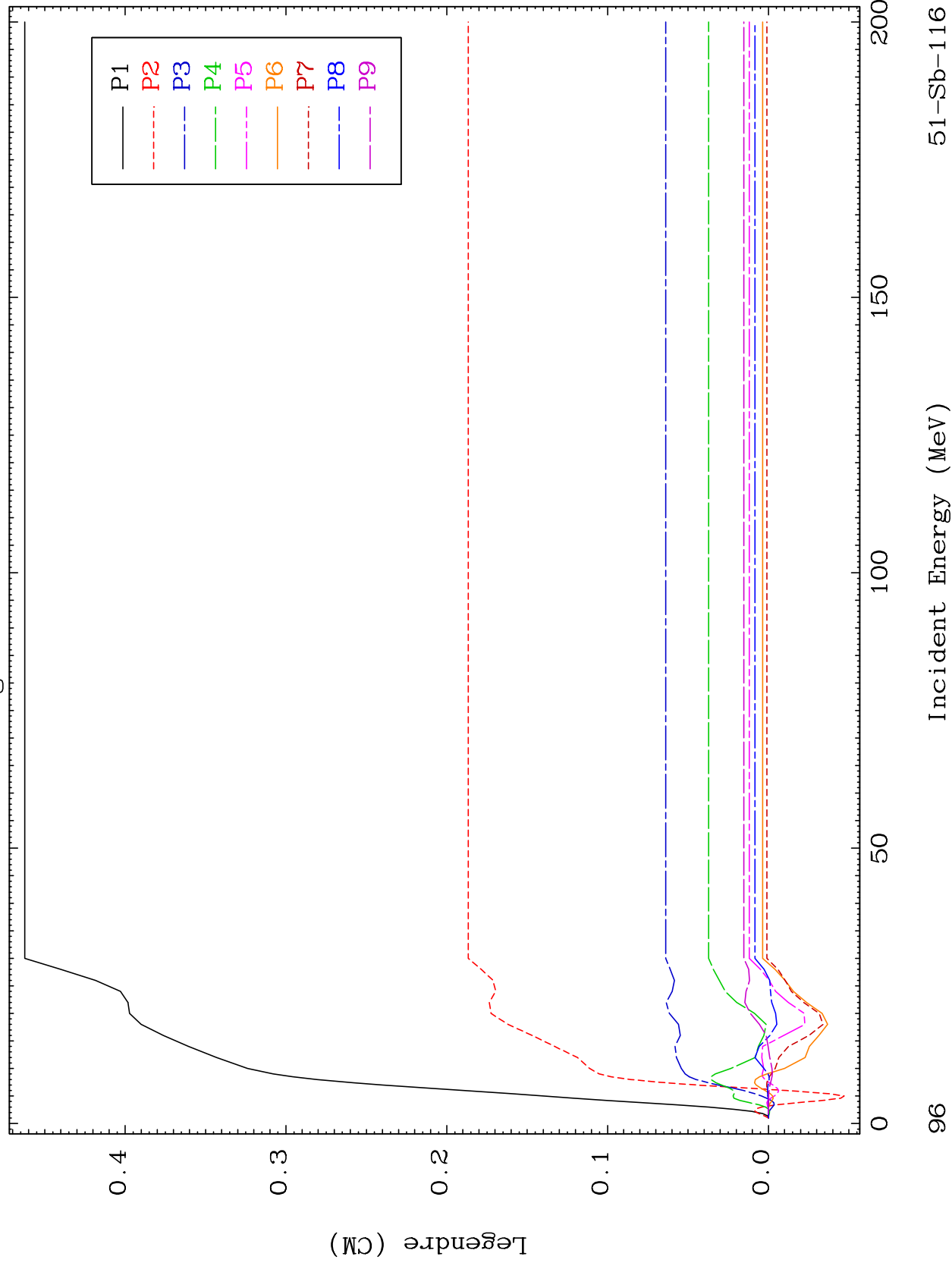
Incident Energy (MeV)

95

MAT 5110

MT= 73 (n,n') Level
Legendre Coefficients

51-Sb-116



51-Sb-116

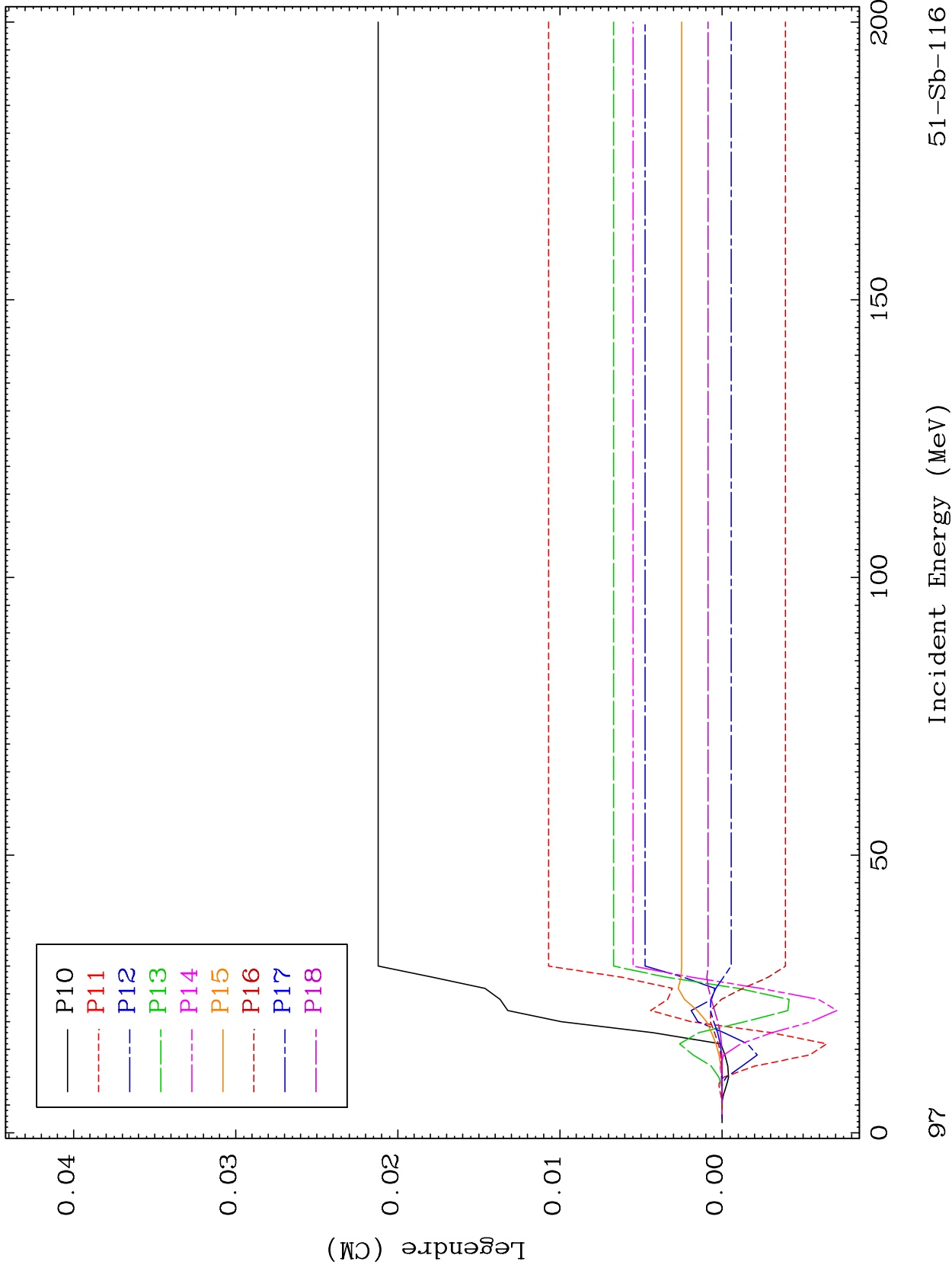
Incident Energy (MeV)

96

MAT 5110

MT= 73 (n,n') Level
Legendre Coefficients

51-Sb-116



51-Sb-116

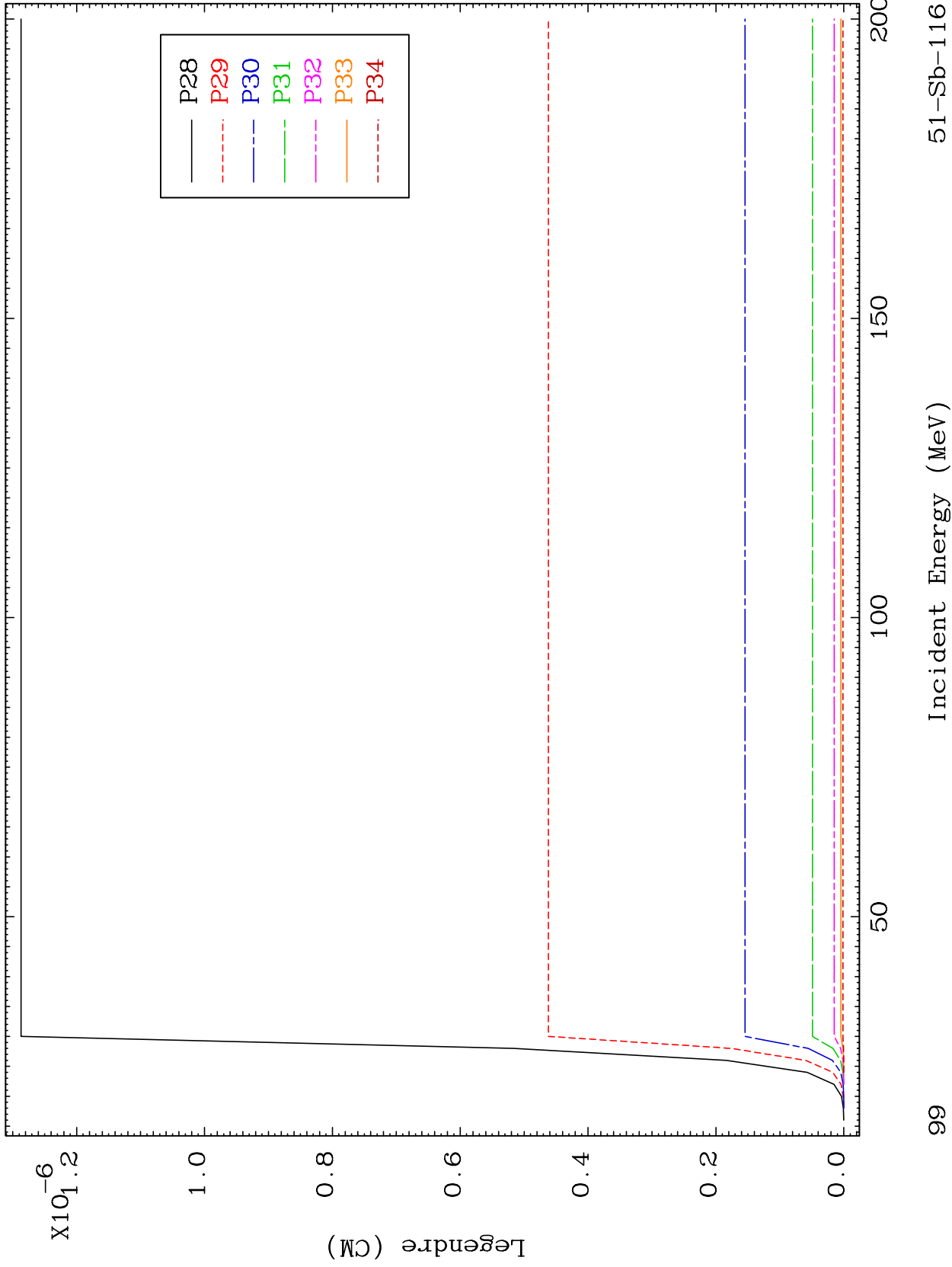
Incident Energy (MeV)

97

MAT 5110

MT= 73 (n,n') Level
Legendre Coefficients

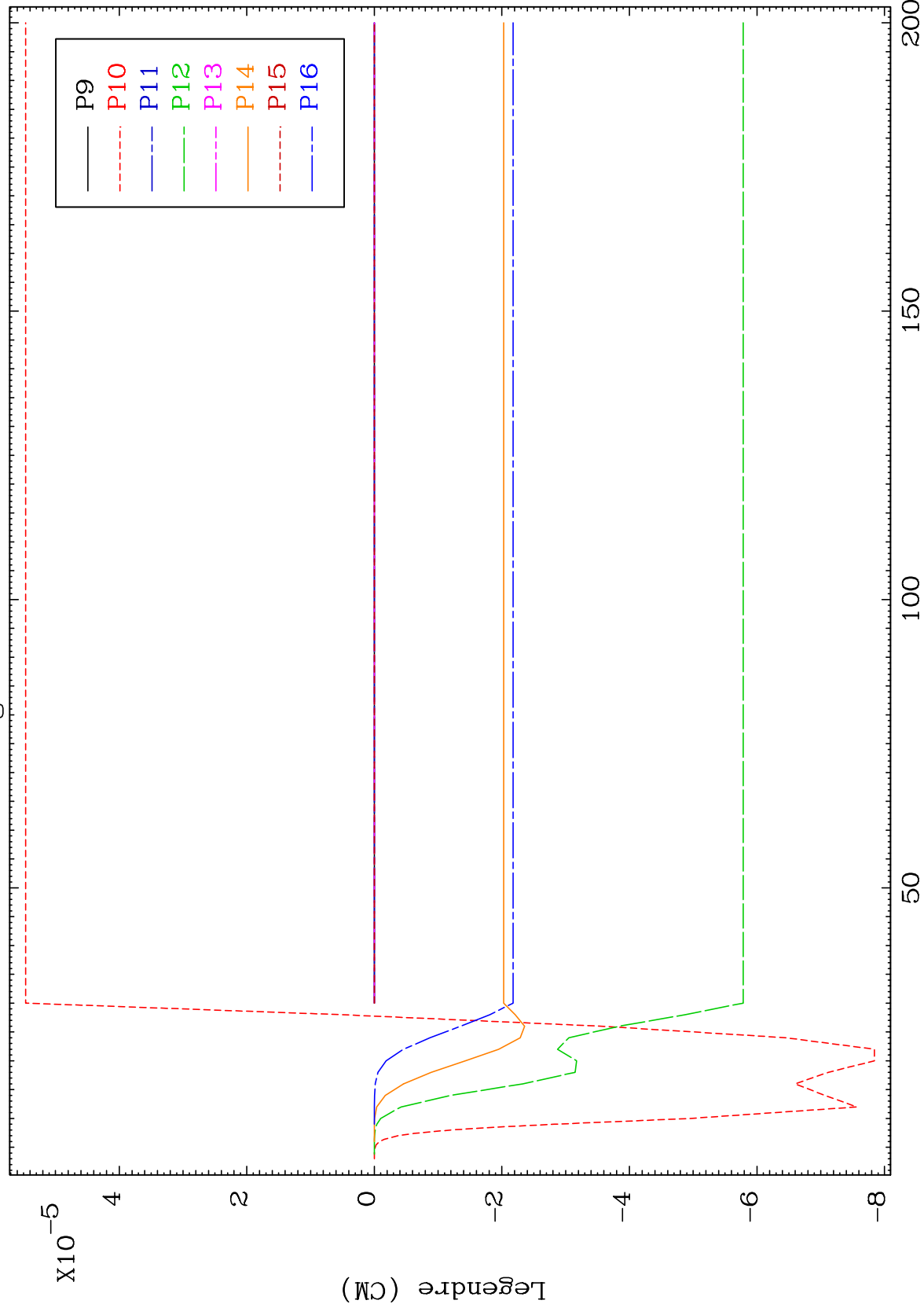
51-Sb-116



MAT 5110

MT= 74 (n,n') Level
Legendre Coefficients

51-Sb-116



101

Incident Energy (MeV)

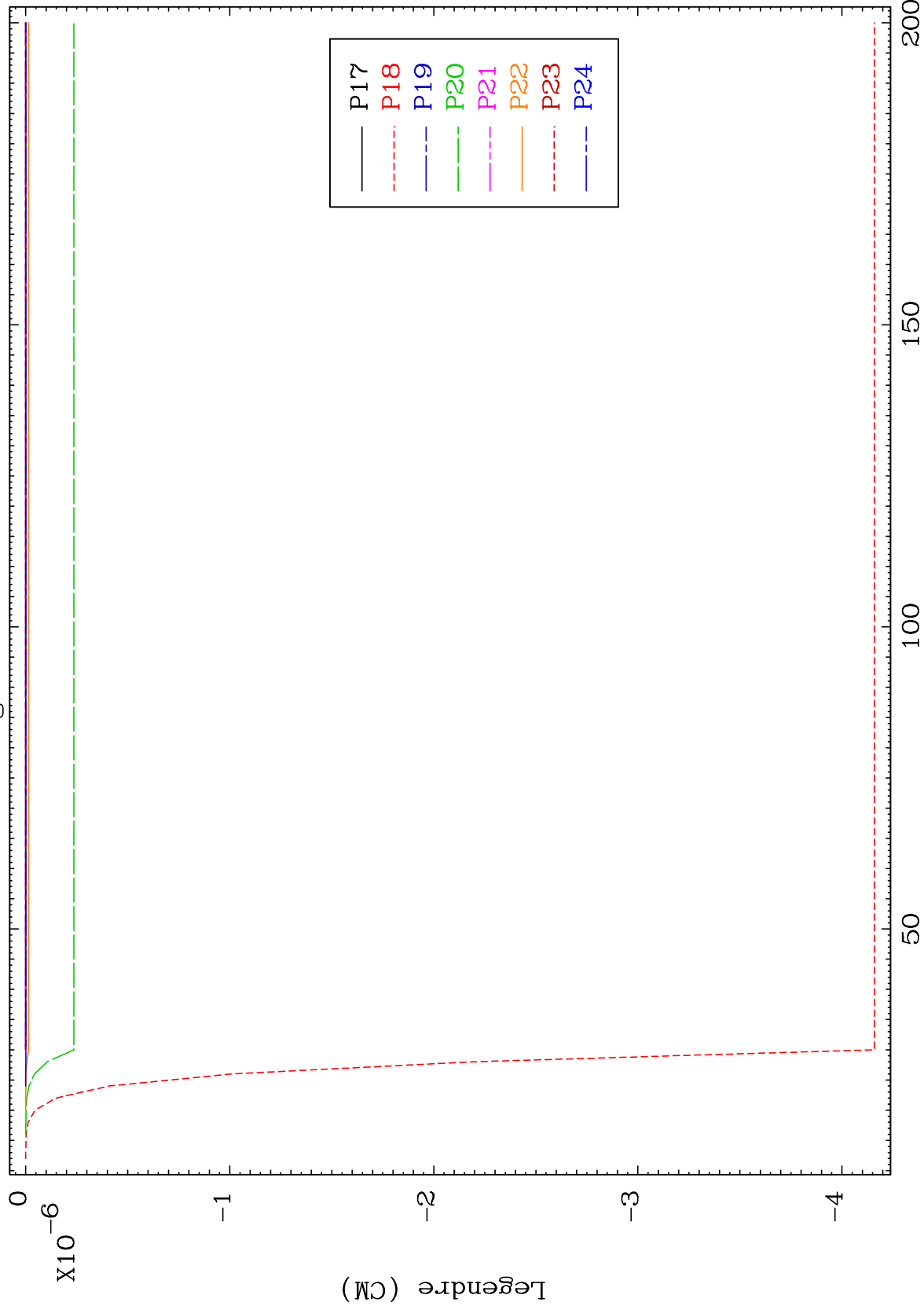
51-Sb-116

MAT 5110

MT= 74 (n,n') Level

51-Sb-116

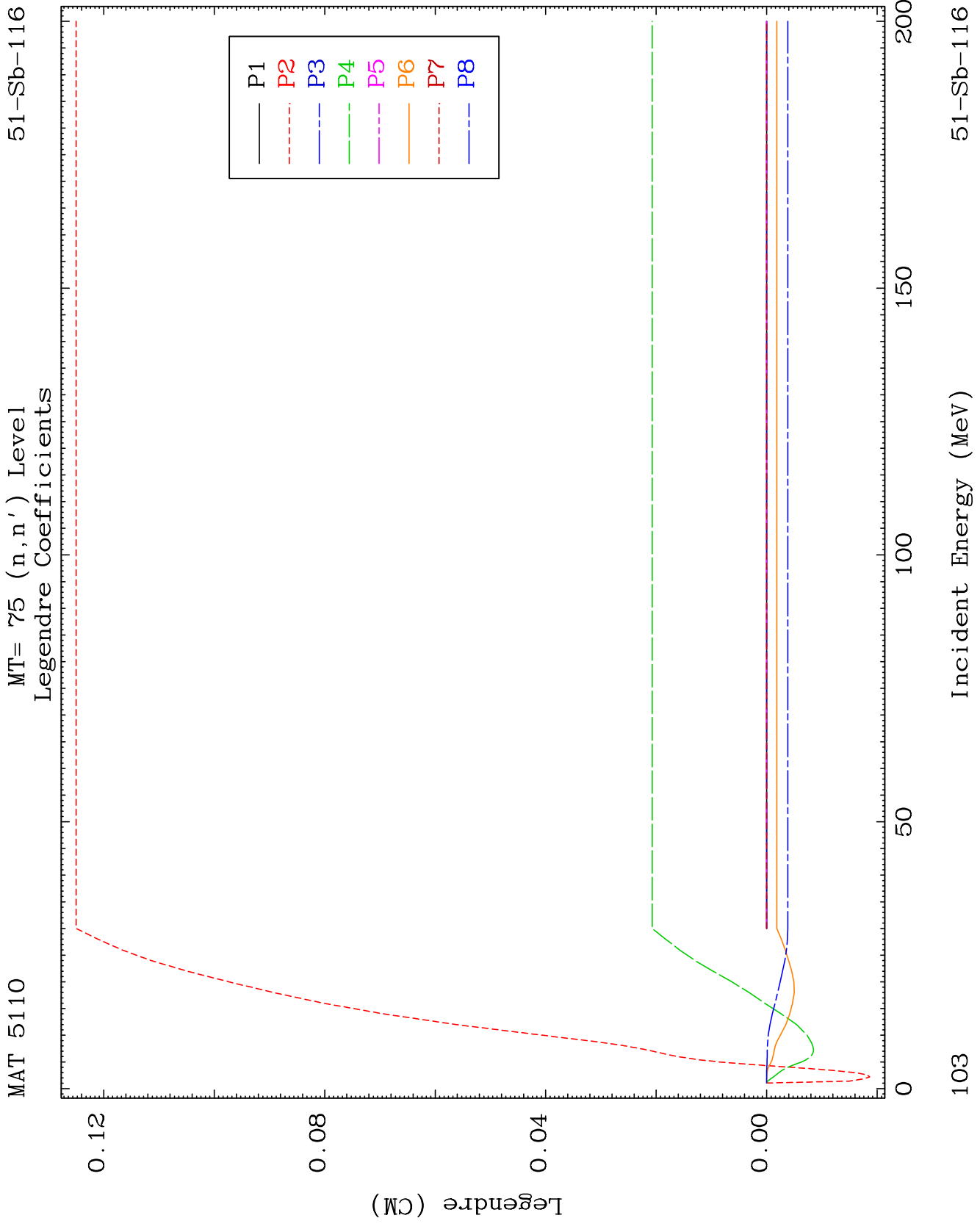
Legendre Coefficients

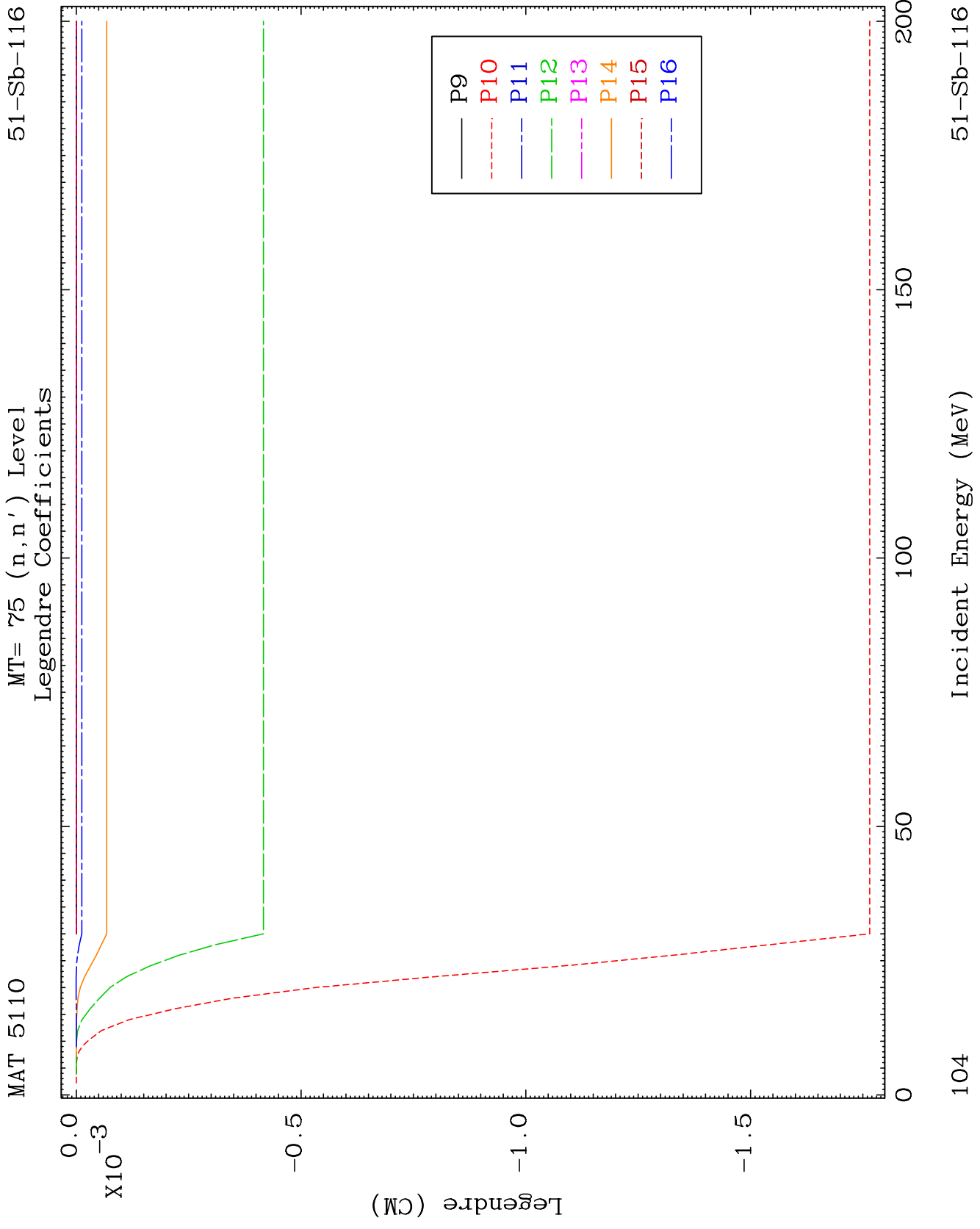


51-Sb-116

Incident Energy (MeV)

102

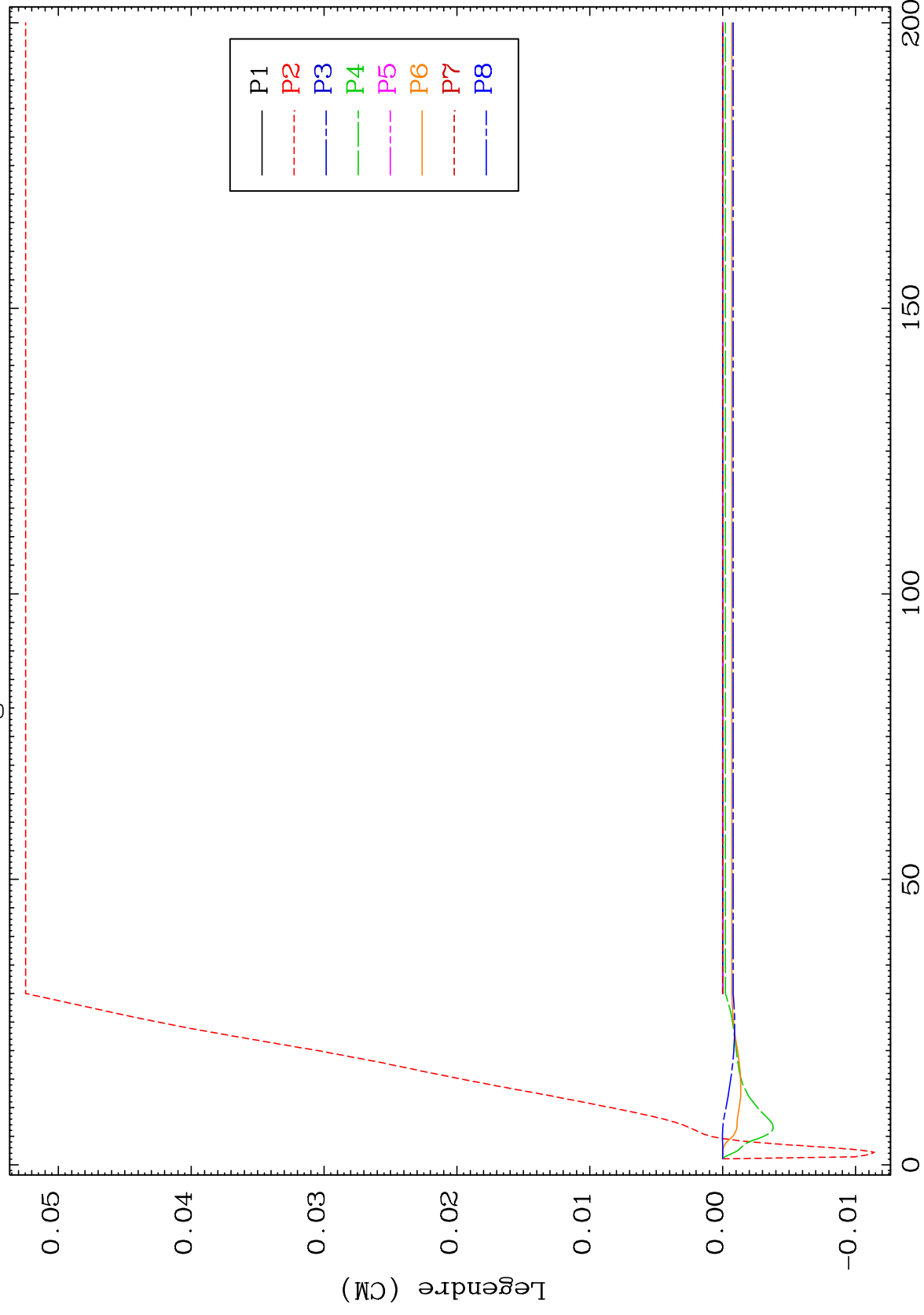




MAT 5110

MT= 76 (n,n') Level
Legendre Coefficients

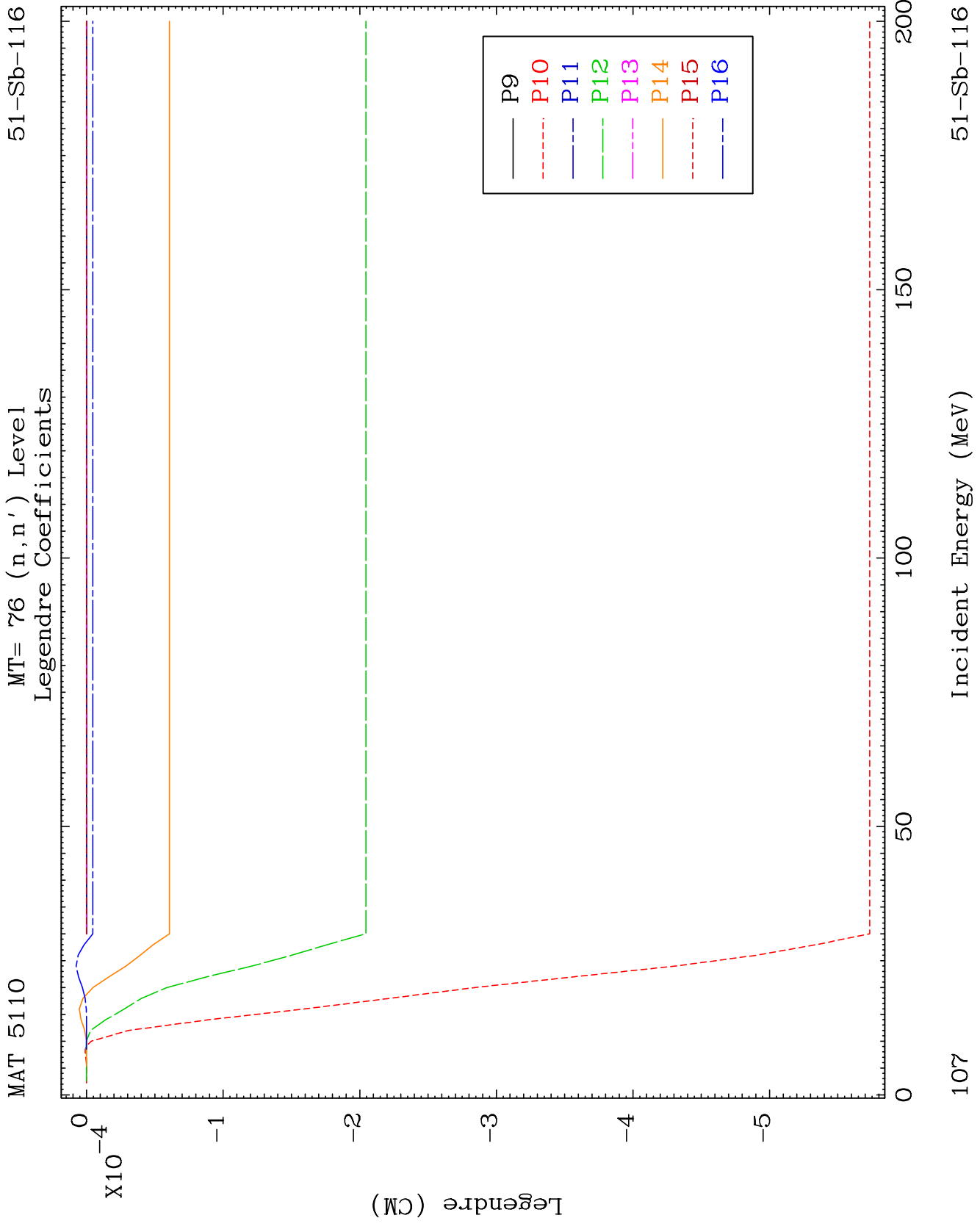
51-Sb-116

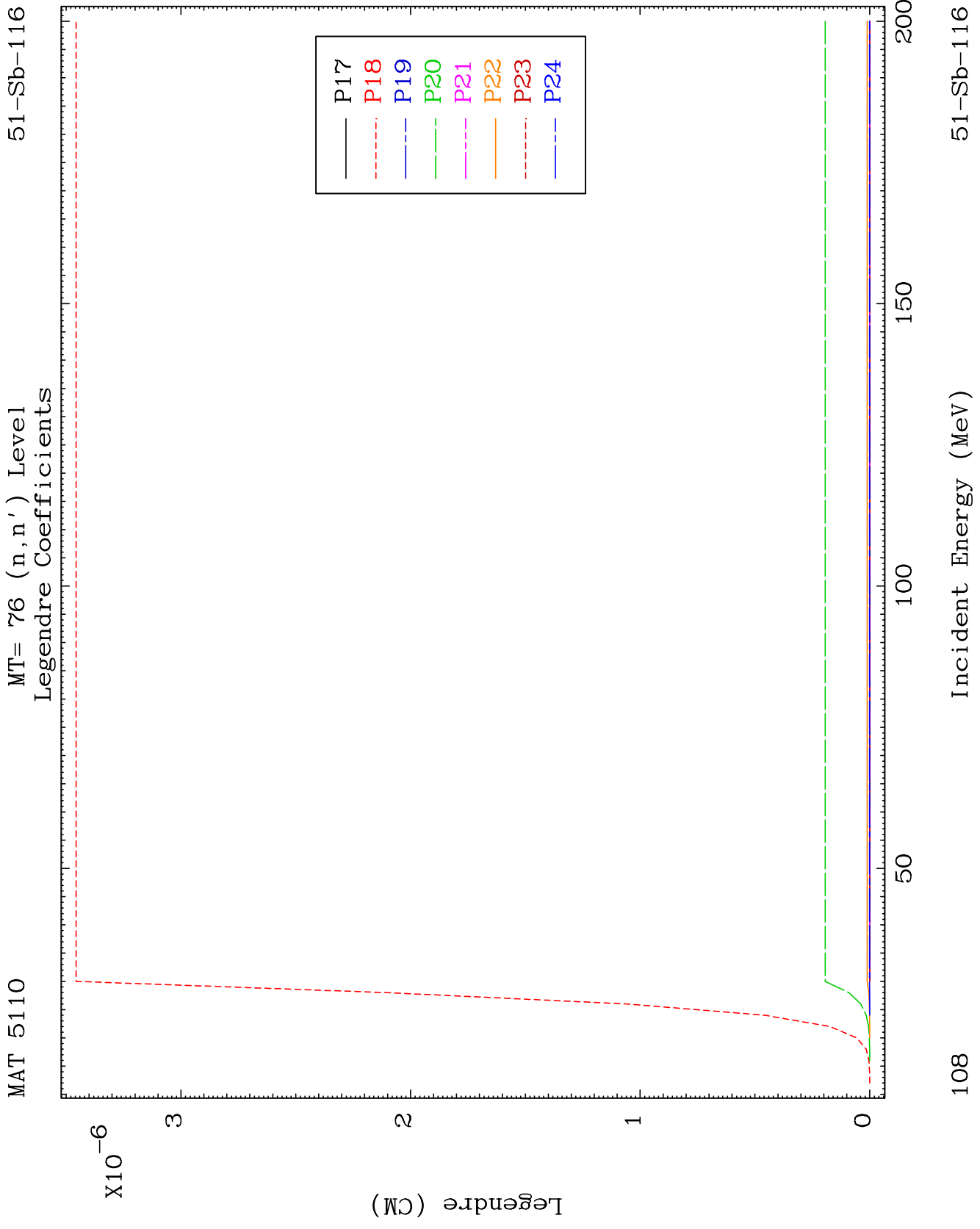


51-Sb-116

Incident Energy (MeV)

106

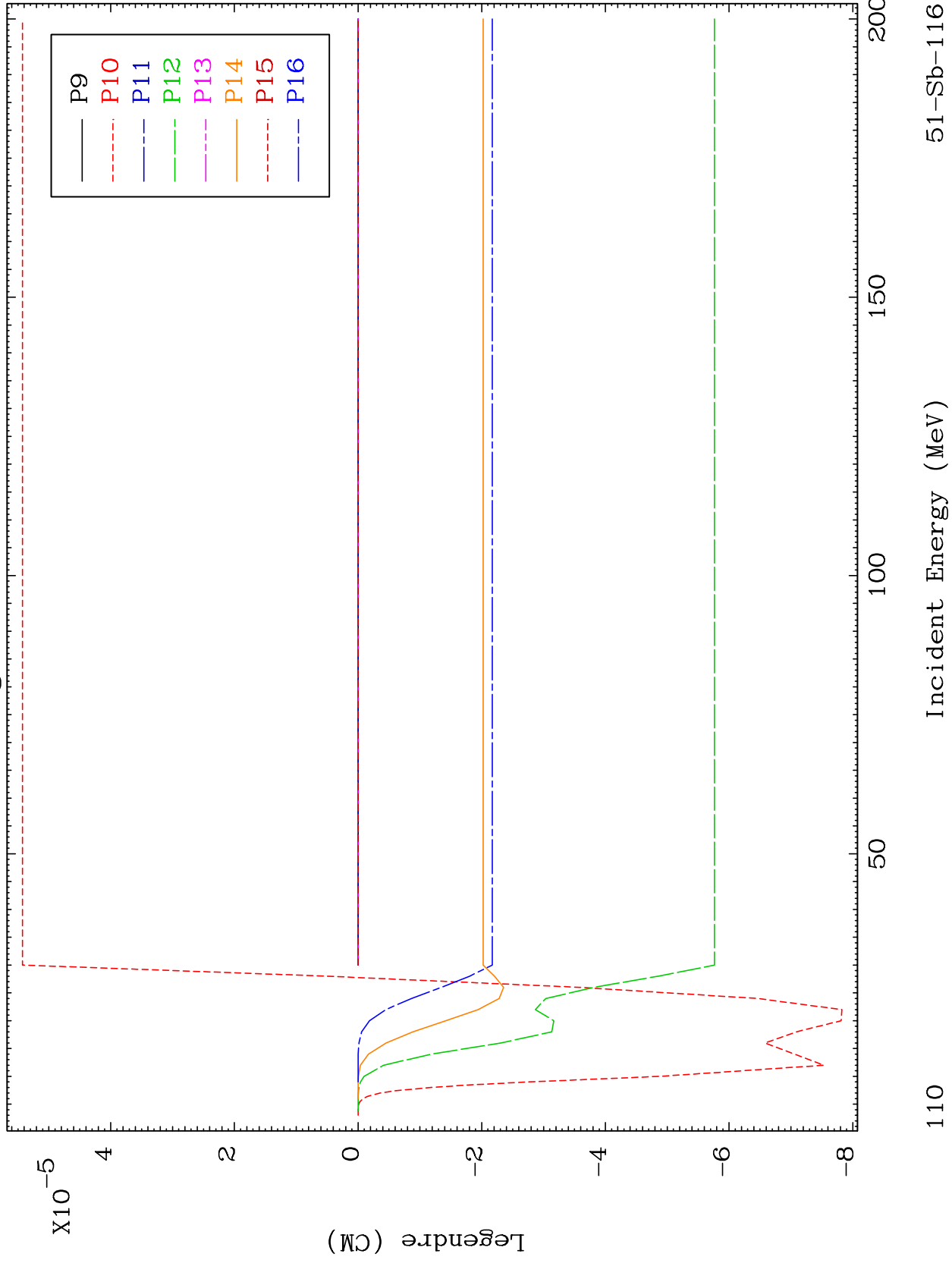




MAT 5110

MT= 77 (n,n') Level
Legendre Coefficients

51-Sb-116



51-Sb-116

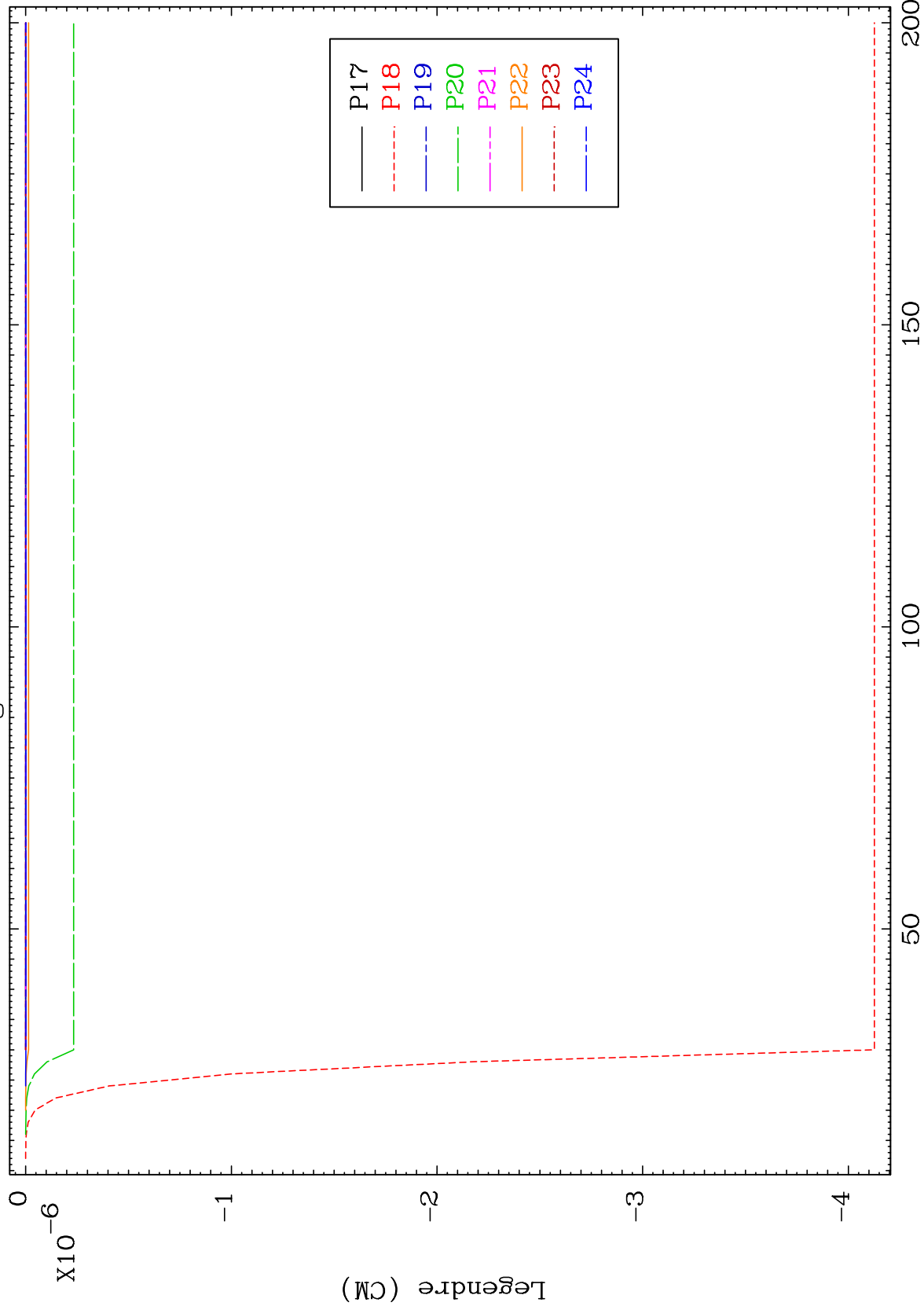
Incident Energy (MeV)

110

MAT 5110

MT= 77 (n,n') Level
Legendre Coefficients

51-Sb-116



51-Sb-116

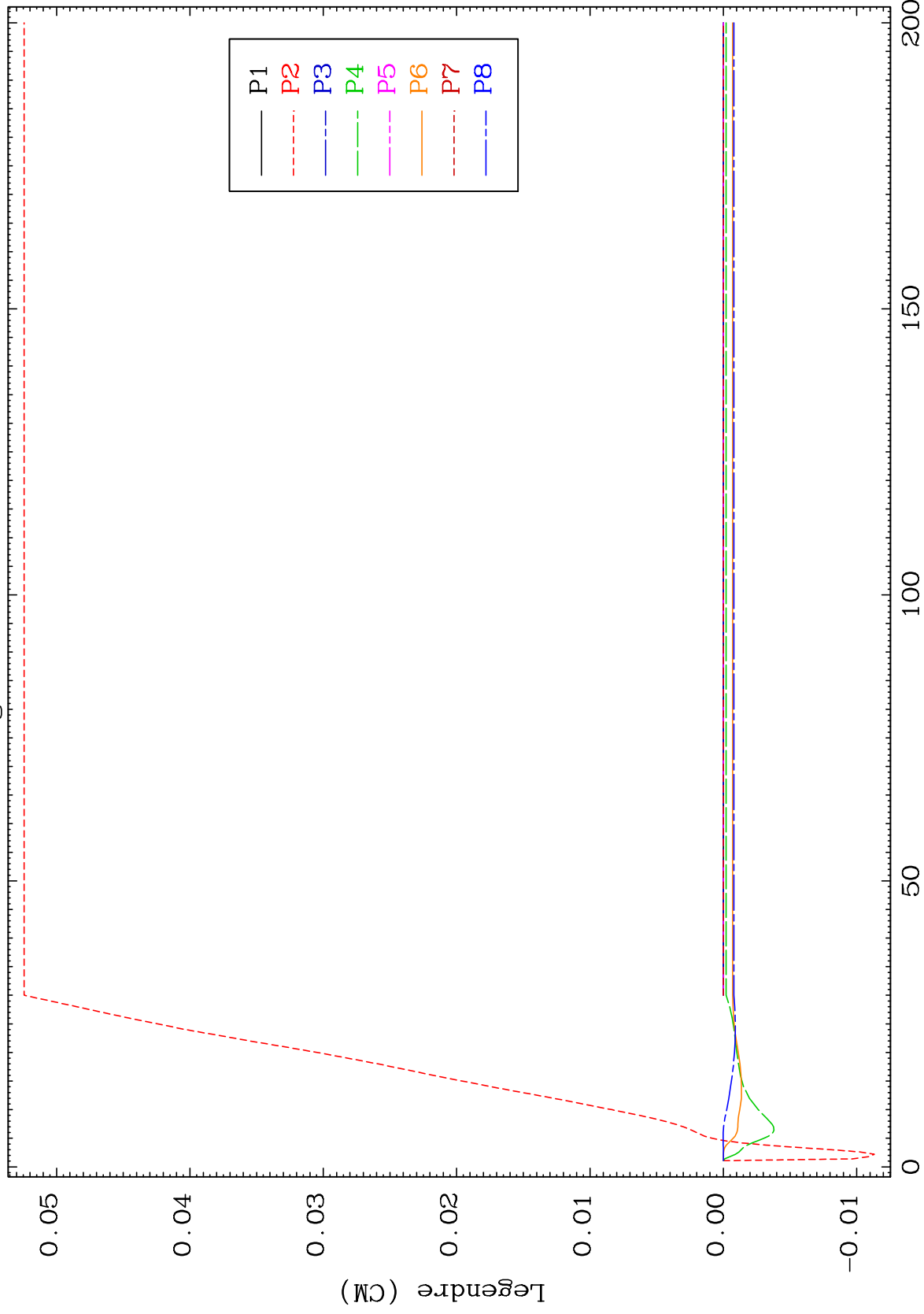
Incident Energy (MeV)

111

MAT 5110

MT= 78 (n,n') Level
Legendre Coefficients

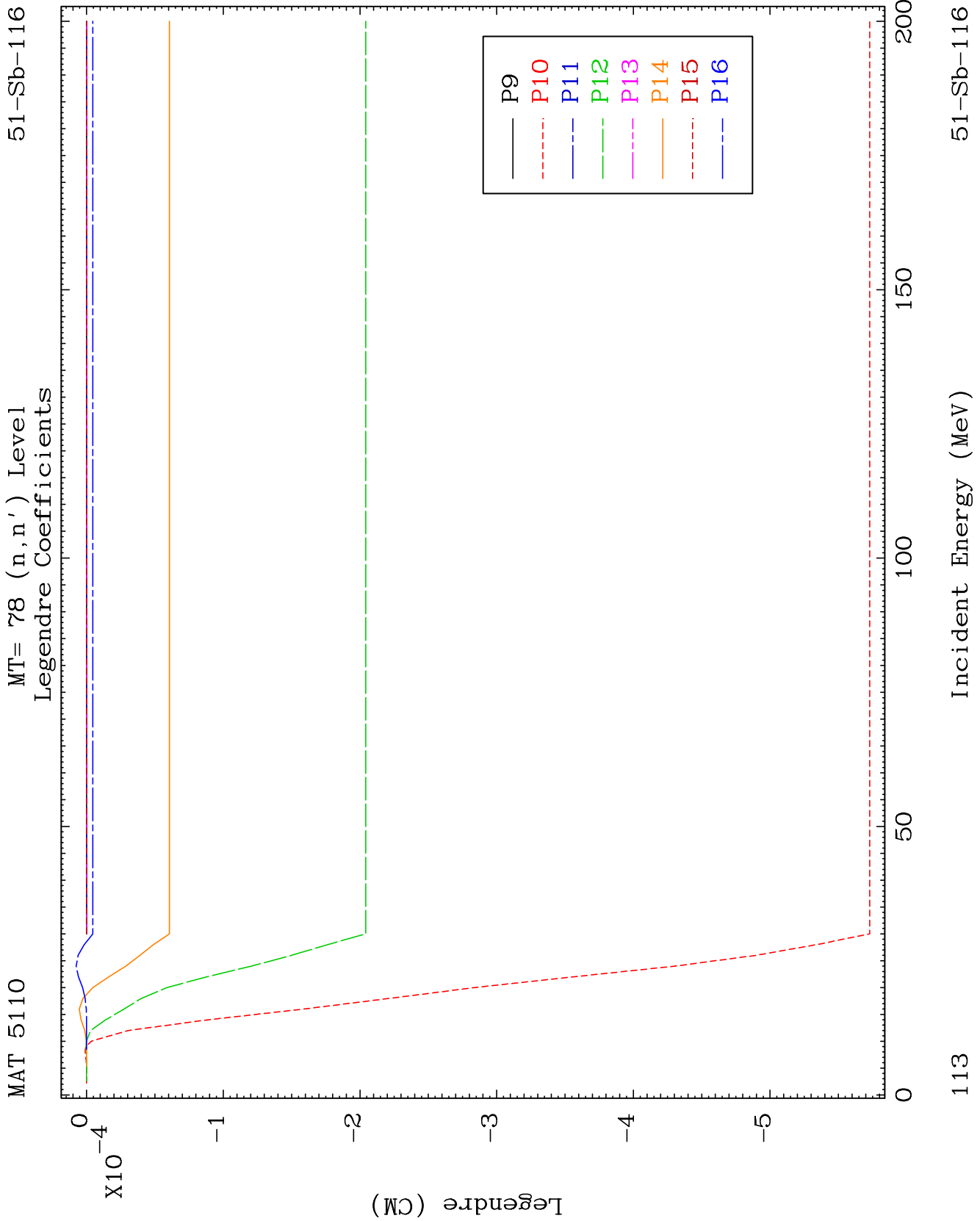
51-Sb-116



112

Incident Energy (MeV)

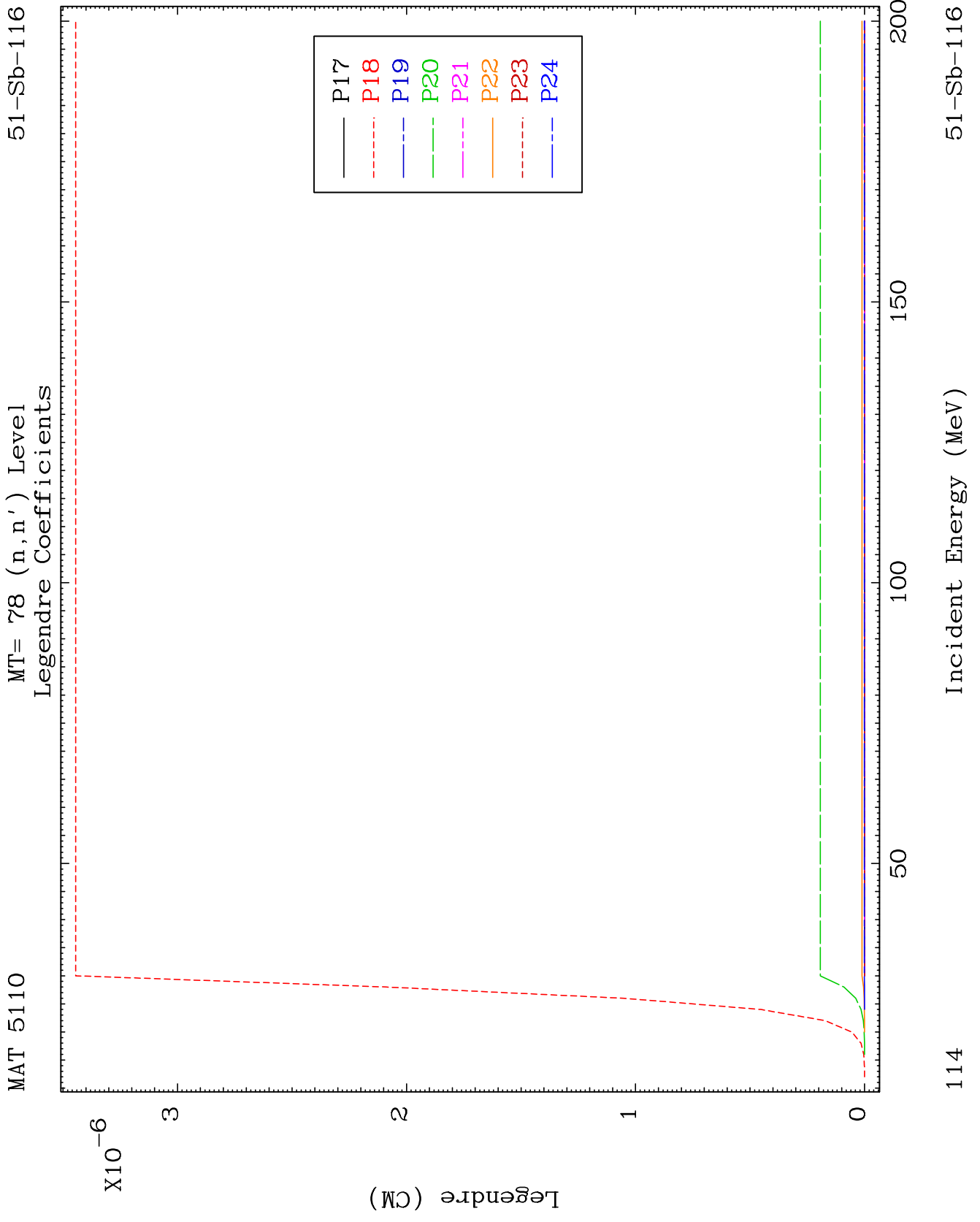
51-Sb-116

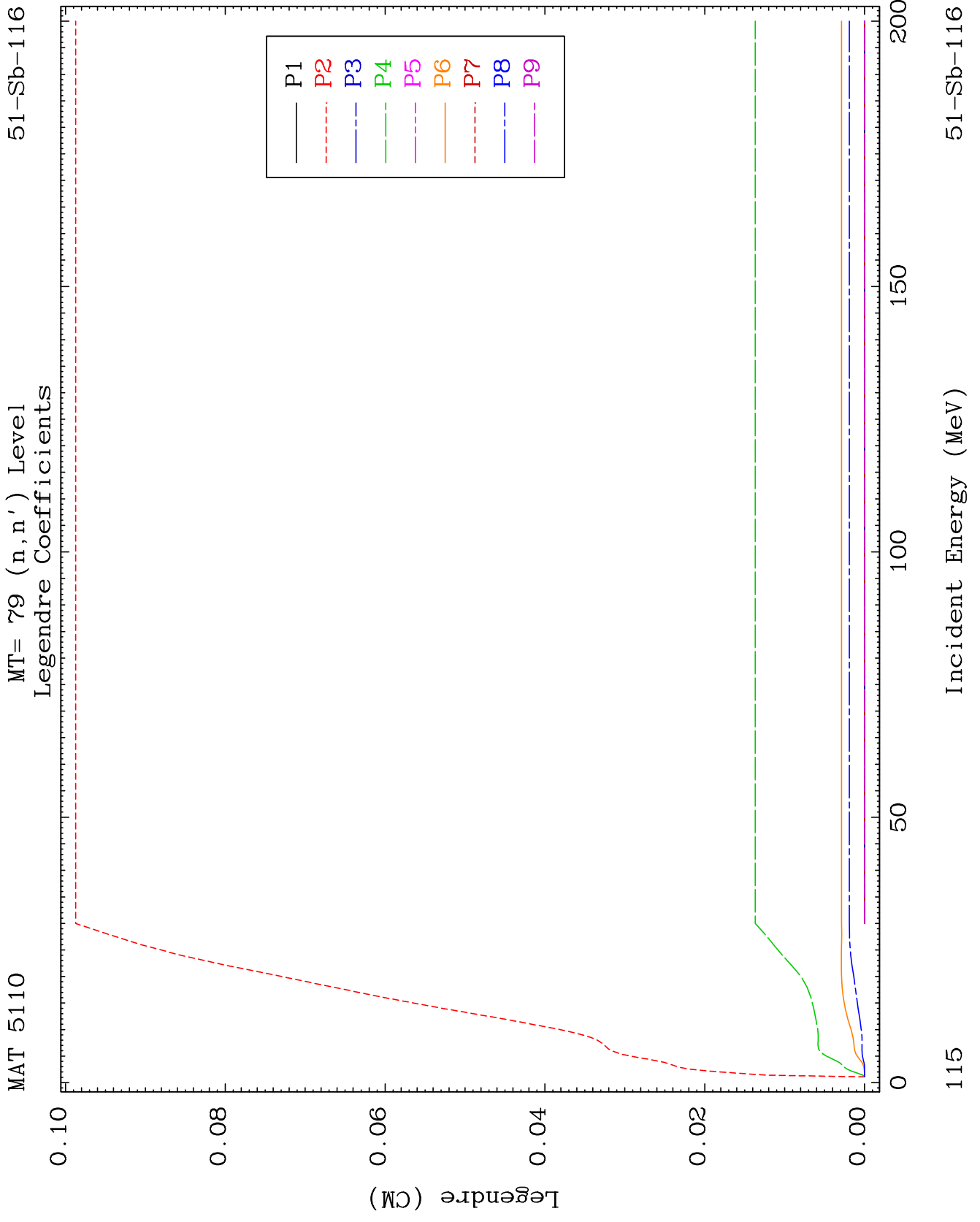


51-Sb-116

Incident Energy (MeV)

113

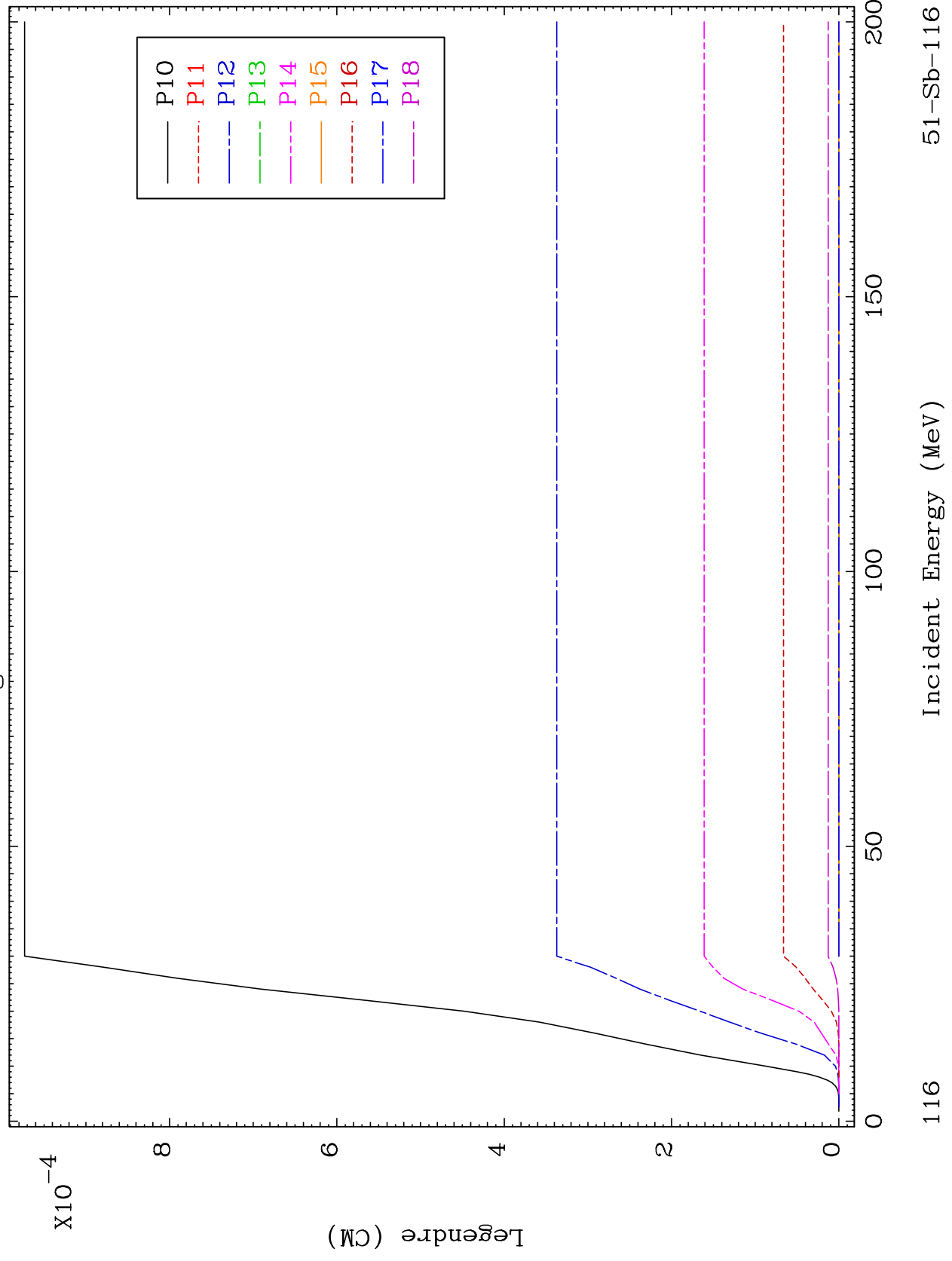




MAT 5110

MT= 79 (n,n') Level
Legendre Coefficients

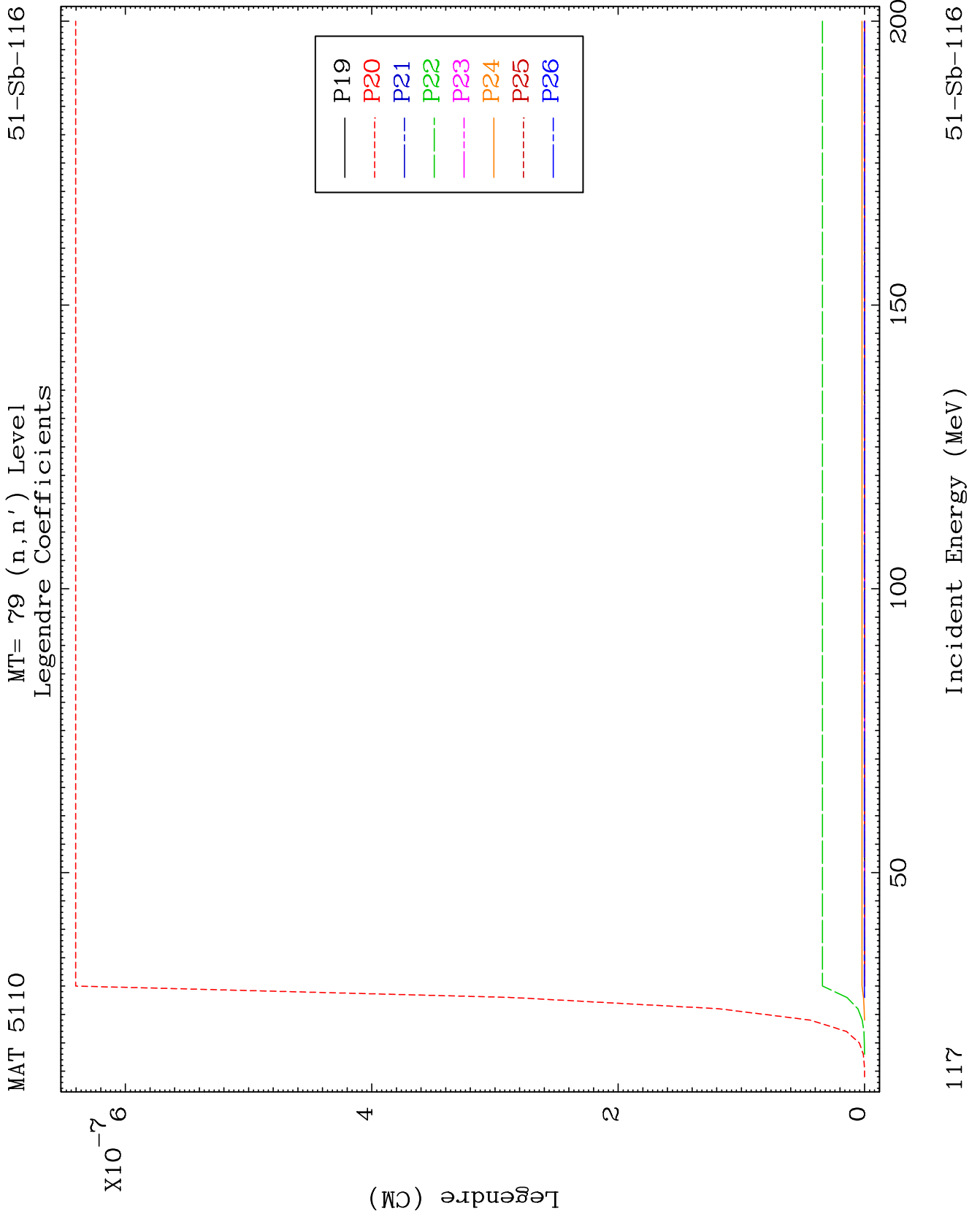
51-Sb-116

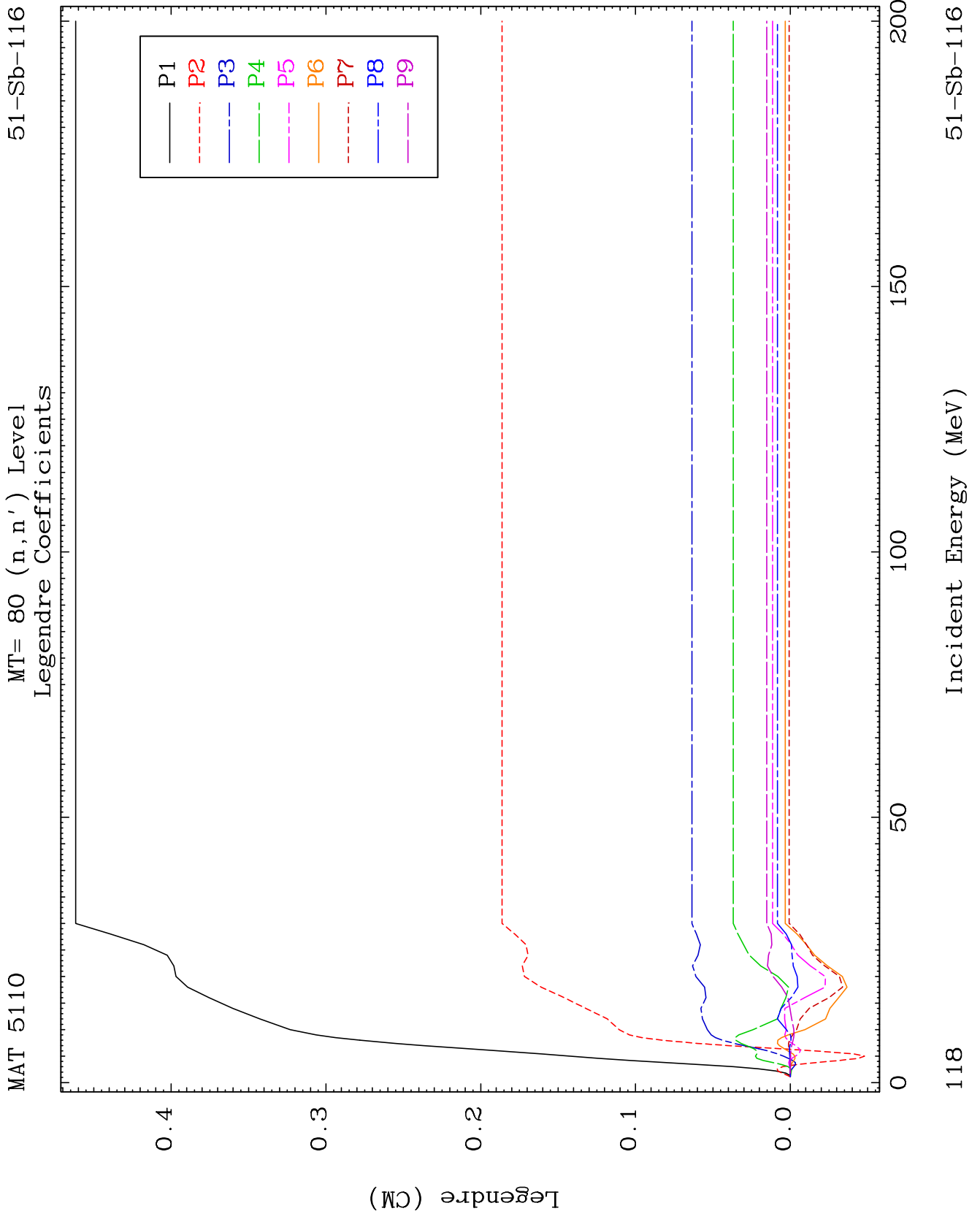


51-Sb-116

Incident Energy (MeV)

116

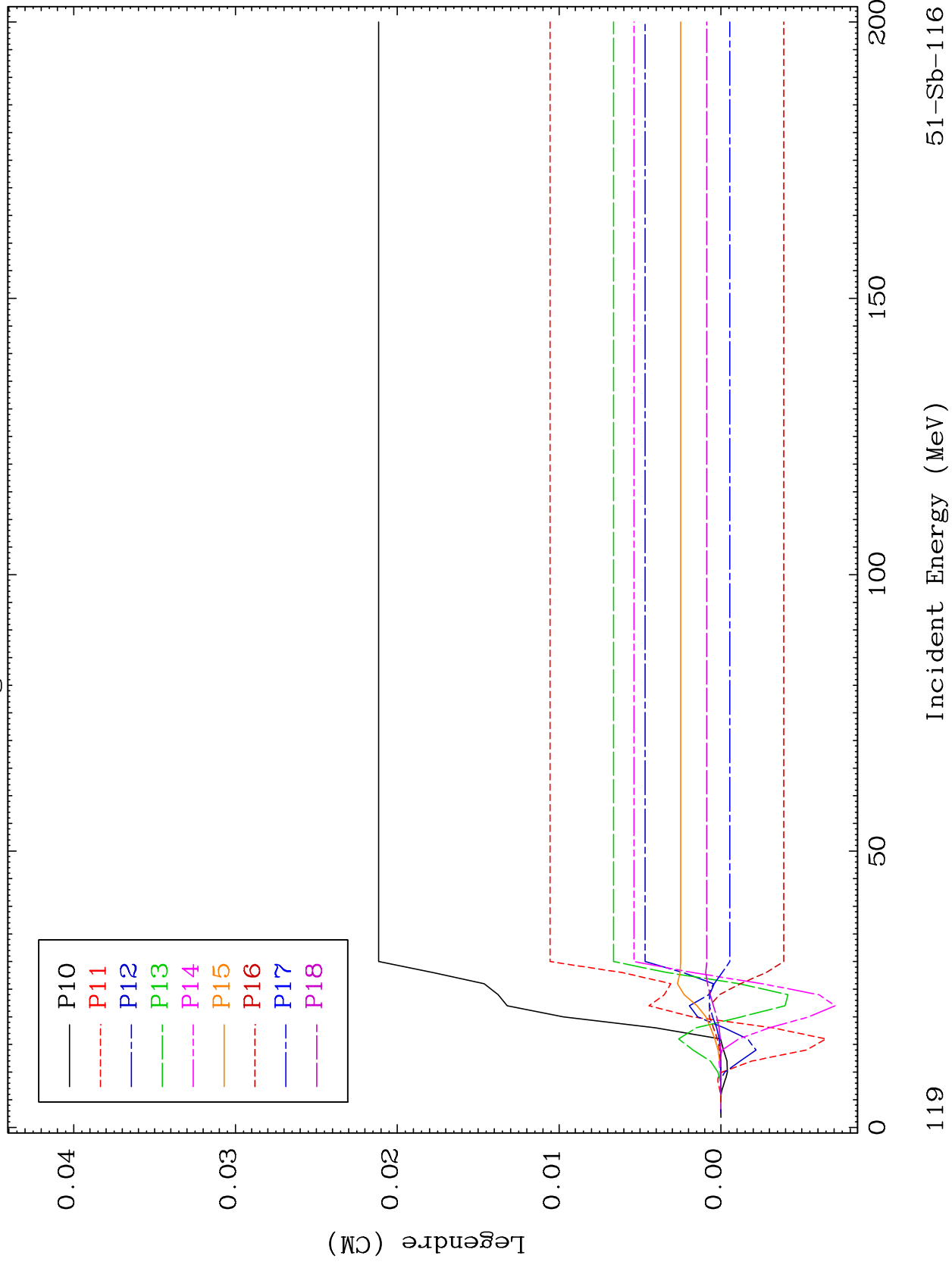




MAT 5110

MT= 80 (n,n') Level
Legendre Coefficients

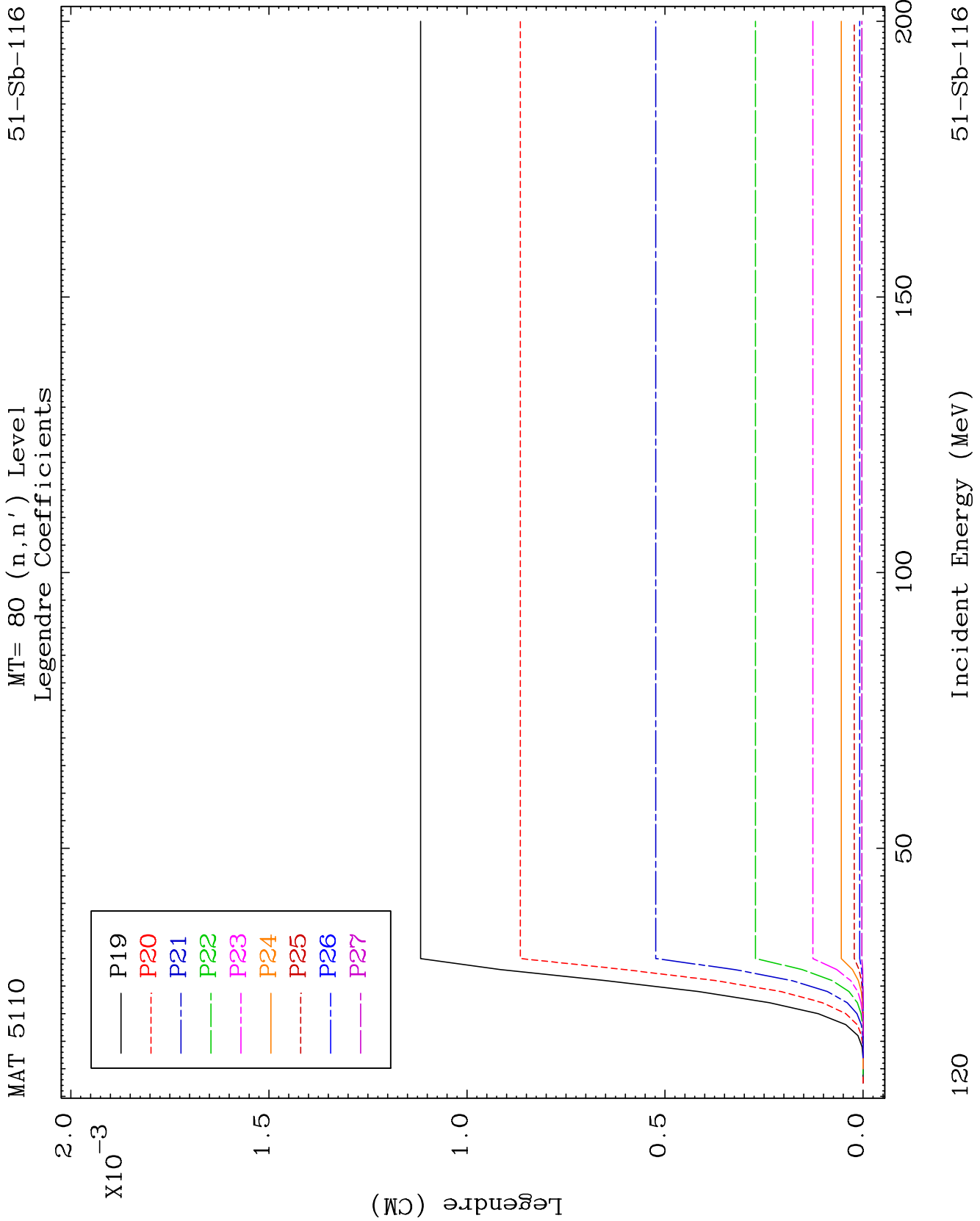
51-Sb-116



51-Sb-116

Incident Energy (MeV)

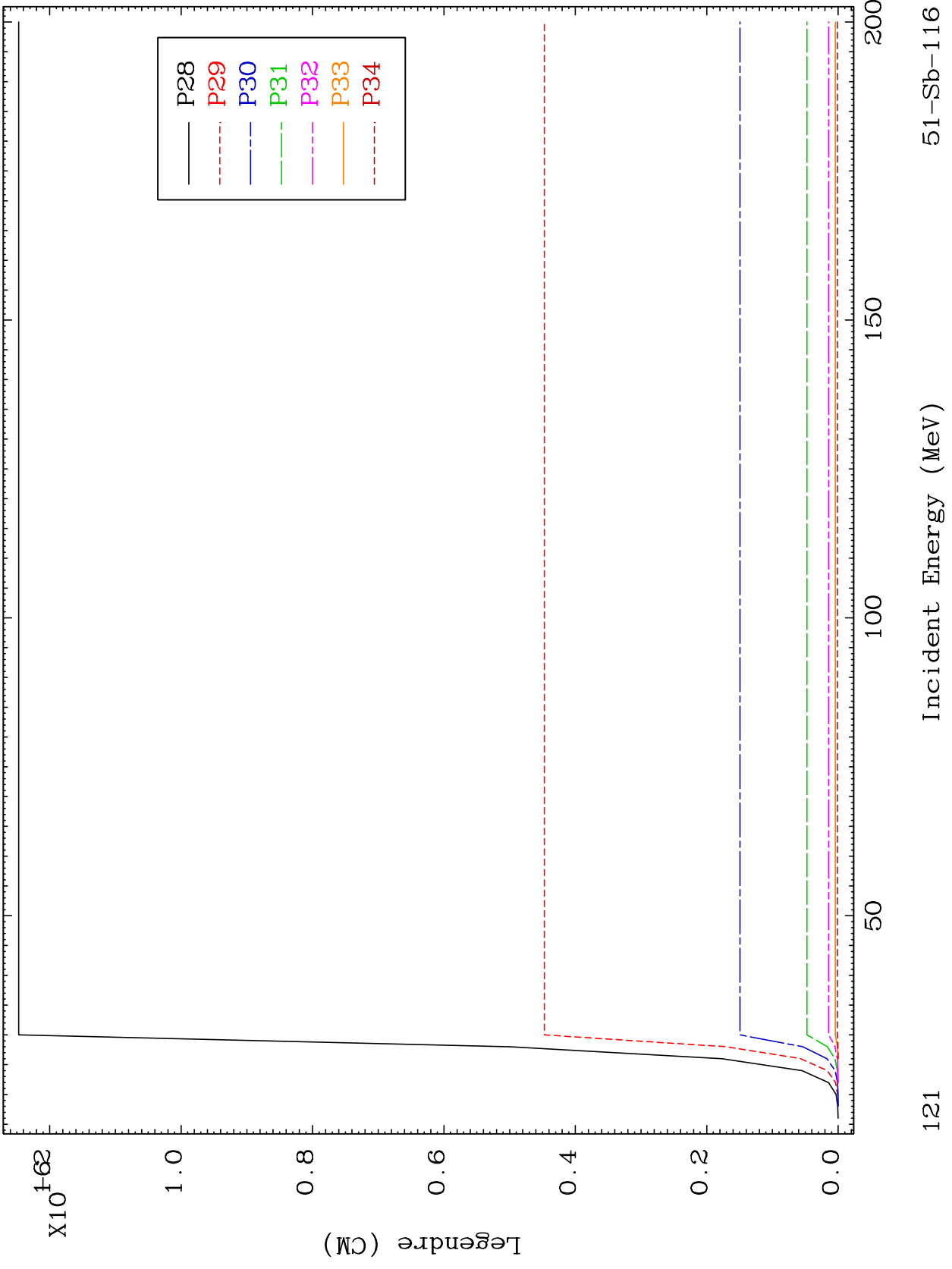
119



MAT 5110

MT= 80 (n,n') Level
Legendre Coefficients

51-Sb-116



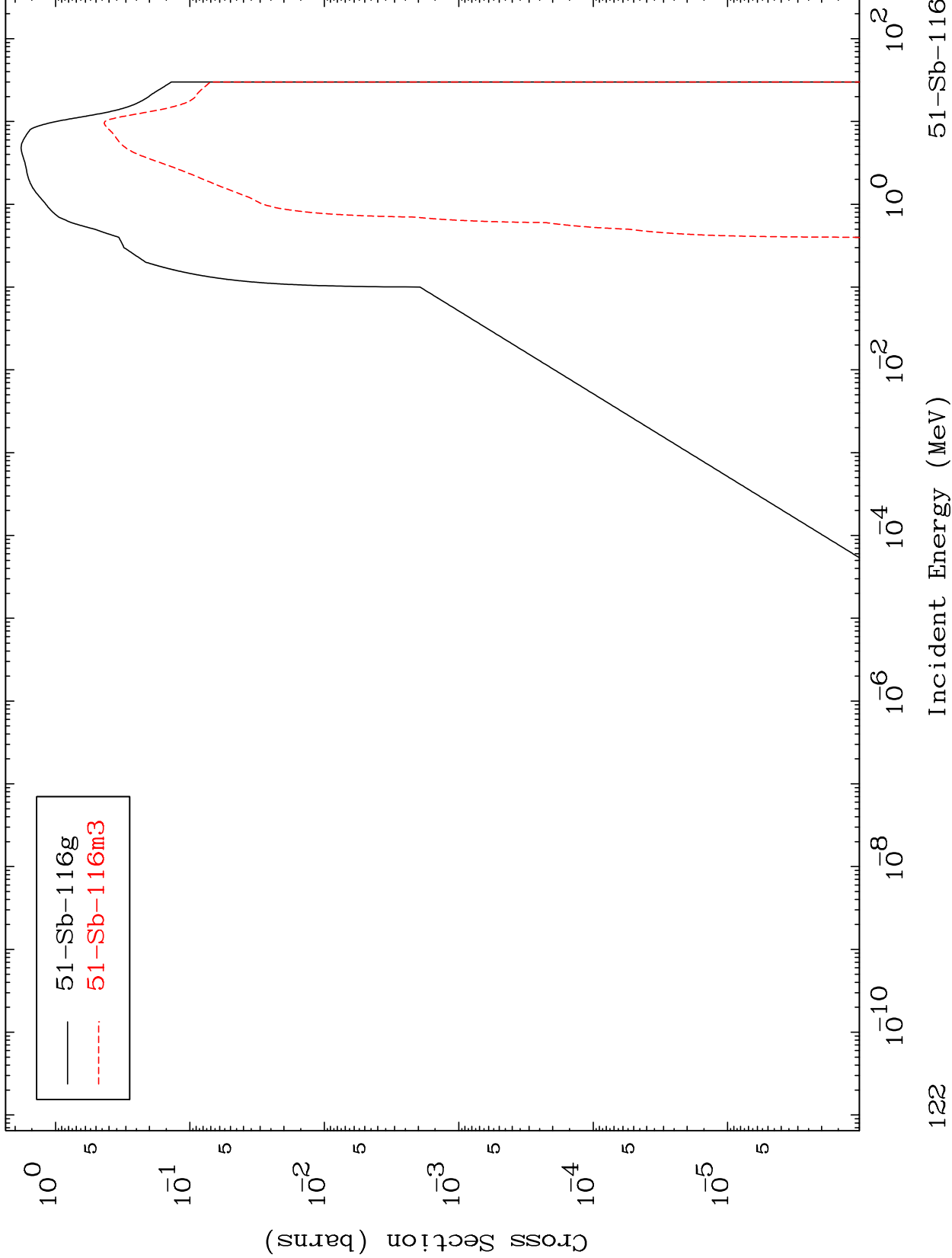
121

51-Sb-116

MAT 5110

Inelastic
Radionuclide Production Cross Section

51-Sb-116

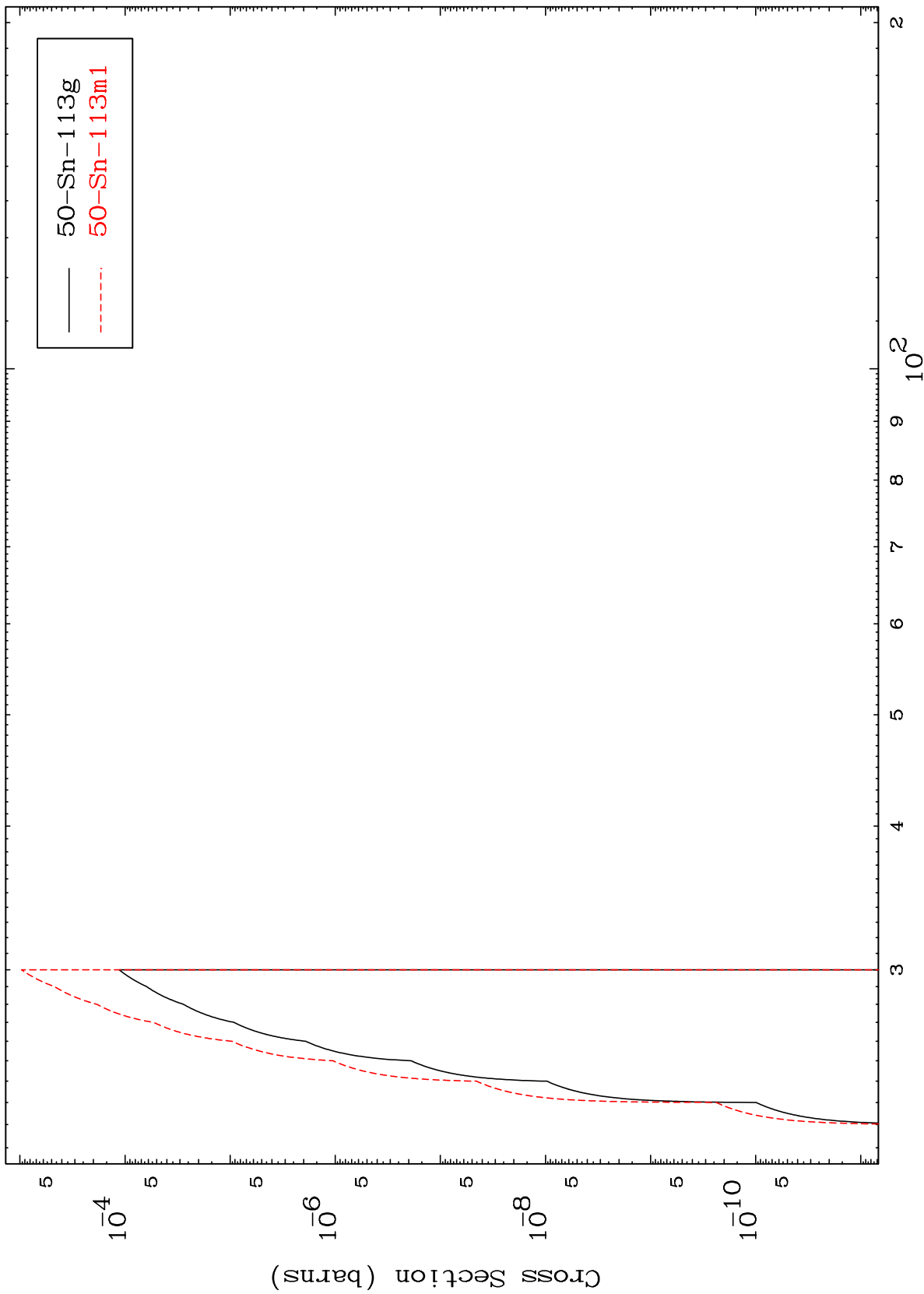


MAT 5110

(n,2n) d

51-Sb-116

Radionuclide Production Cross Section



123

Incident Energy (MeV)

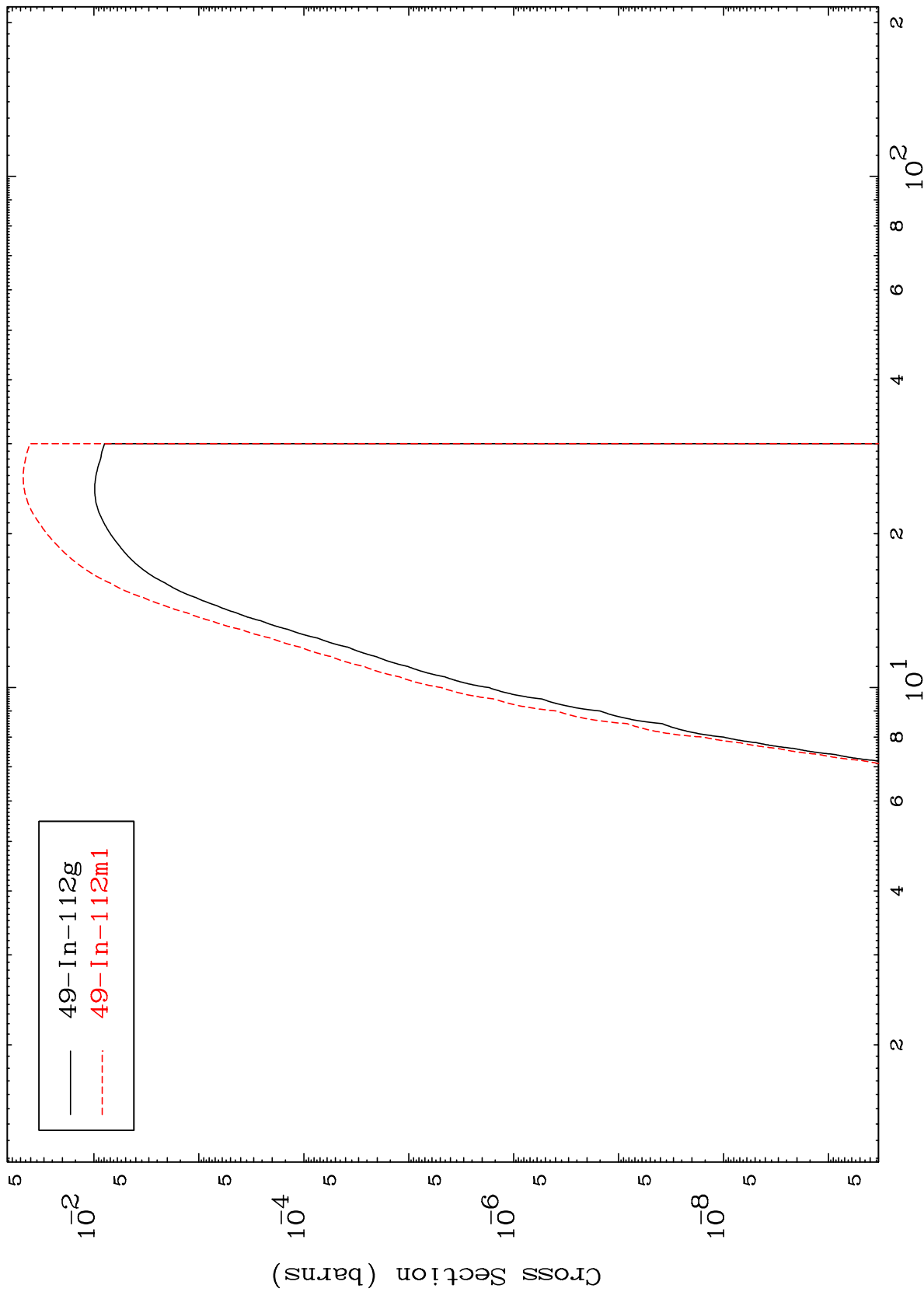
51-Sb-116

MAT 5110

(n,n') α

51-Sb-116

Radionuclide Production Cross Section



— 49-In-112g
- - - 49-In-112m1

124

Incident Energy (MeV)

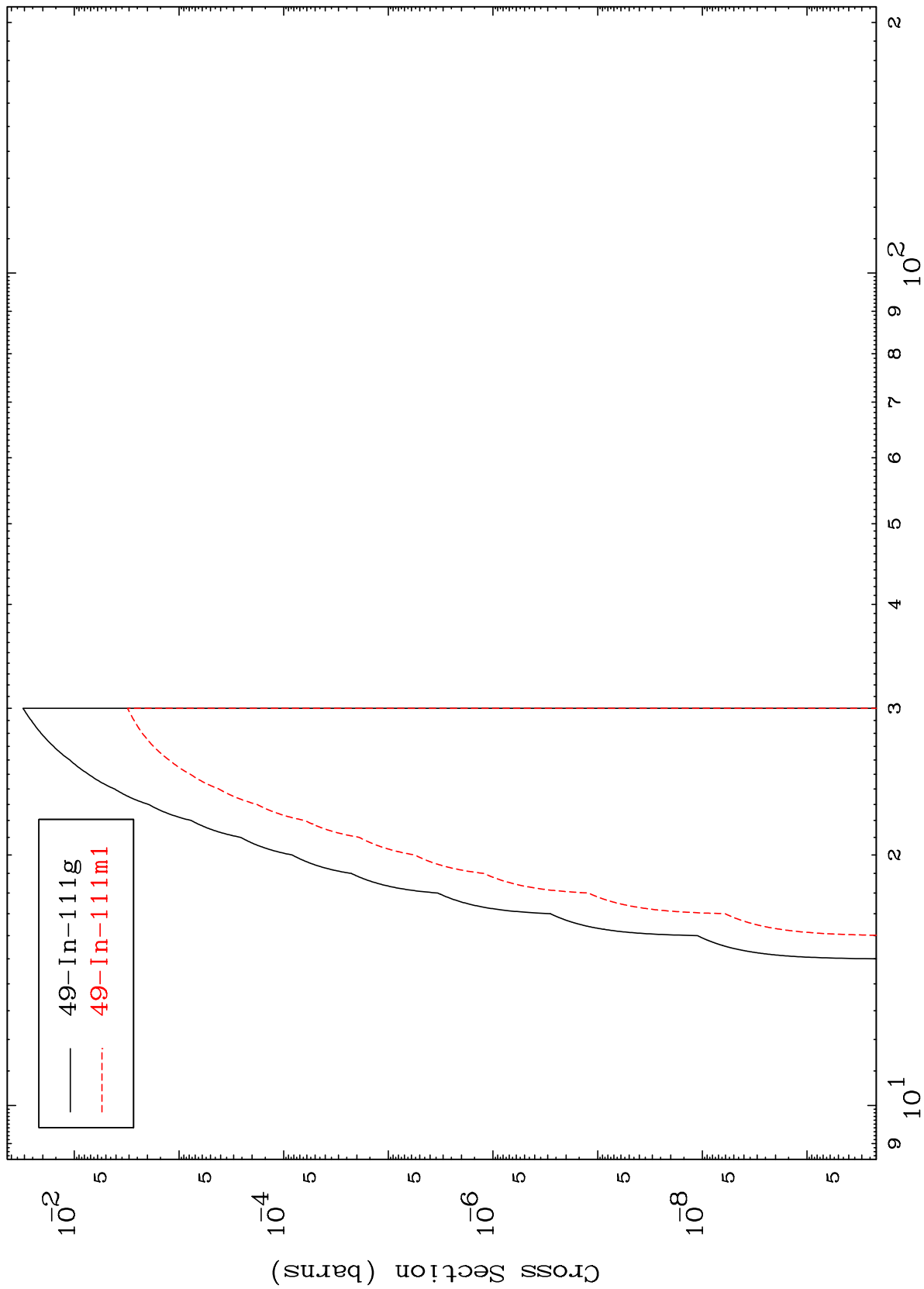
51-Sb-116

MAT 5110

(n,2n) α

51-Sb-116

Radionuclide Production Cross Section



125

Incident Energy (MeV)

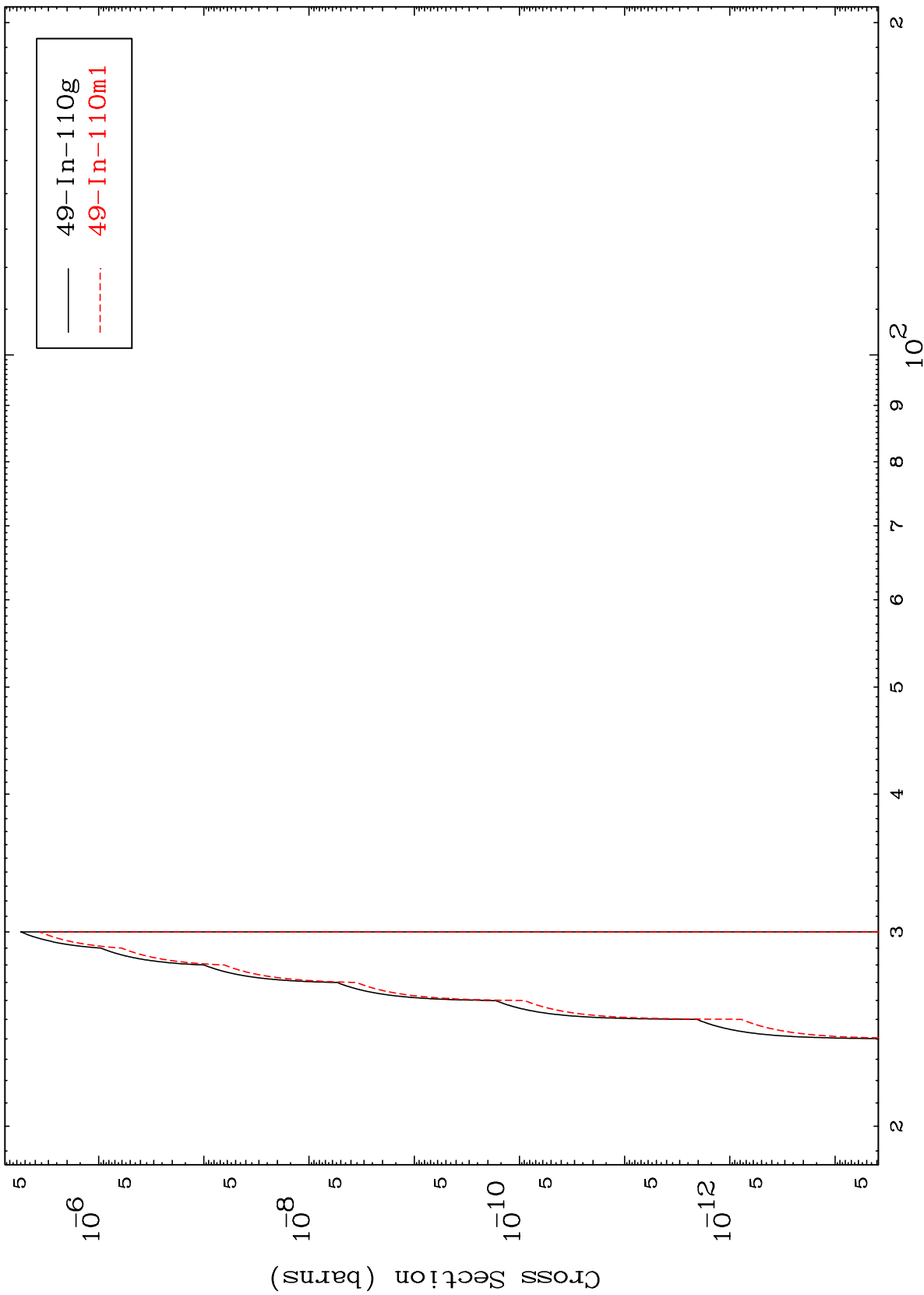
51-Sb-116

MAT 5110

(n,3n) α

51-Sb-116

Radionuclide Production Cross Section



126

Incident Energy (MeV)

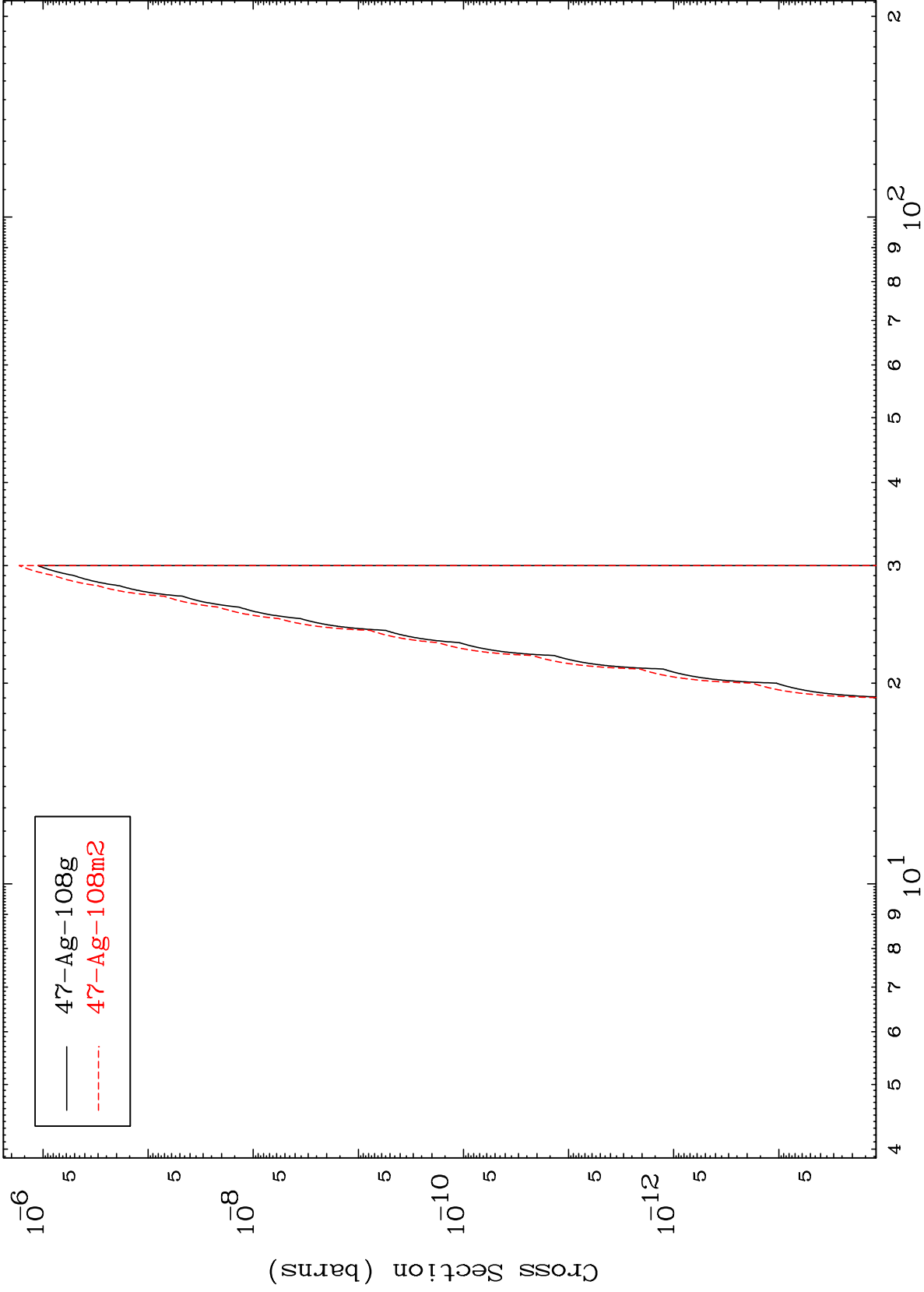
51-Sb-116

MAT 5110

(n,n') 2α

51-Sb-116

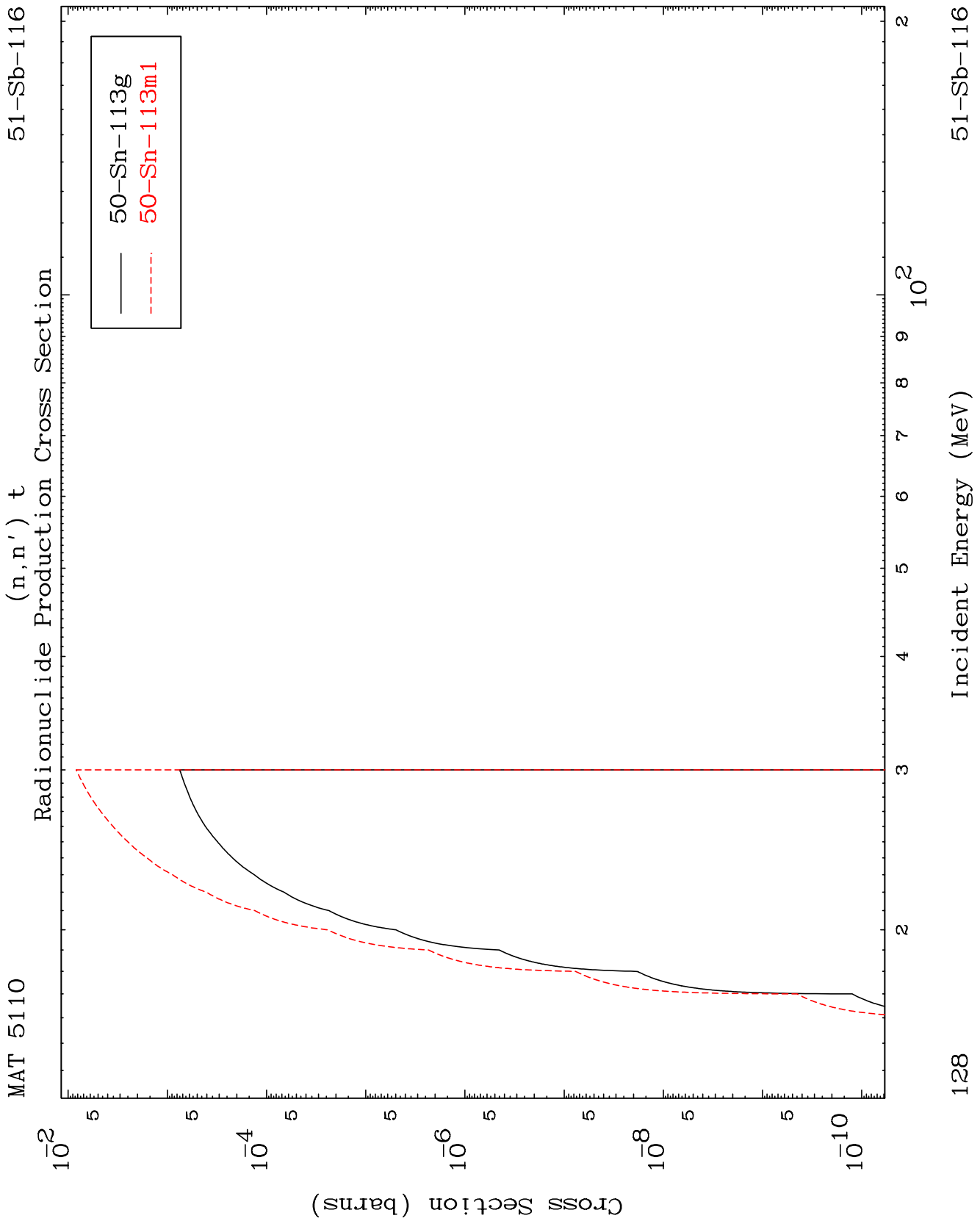
Radionuclide Production Cross Section



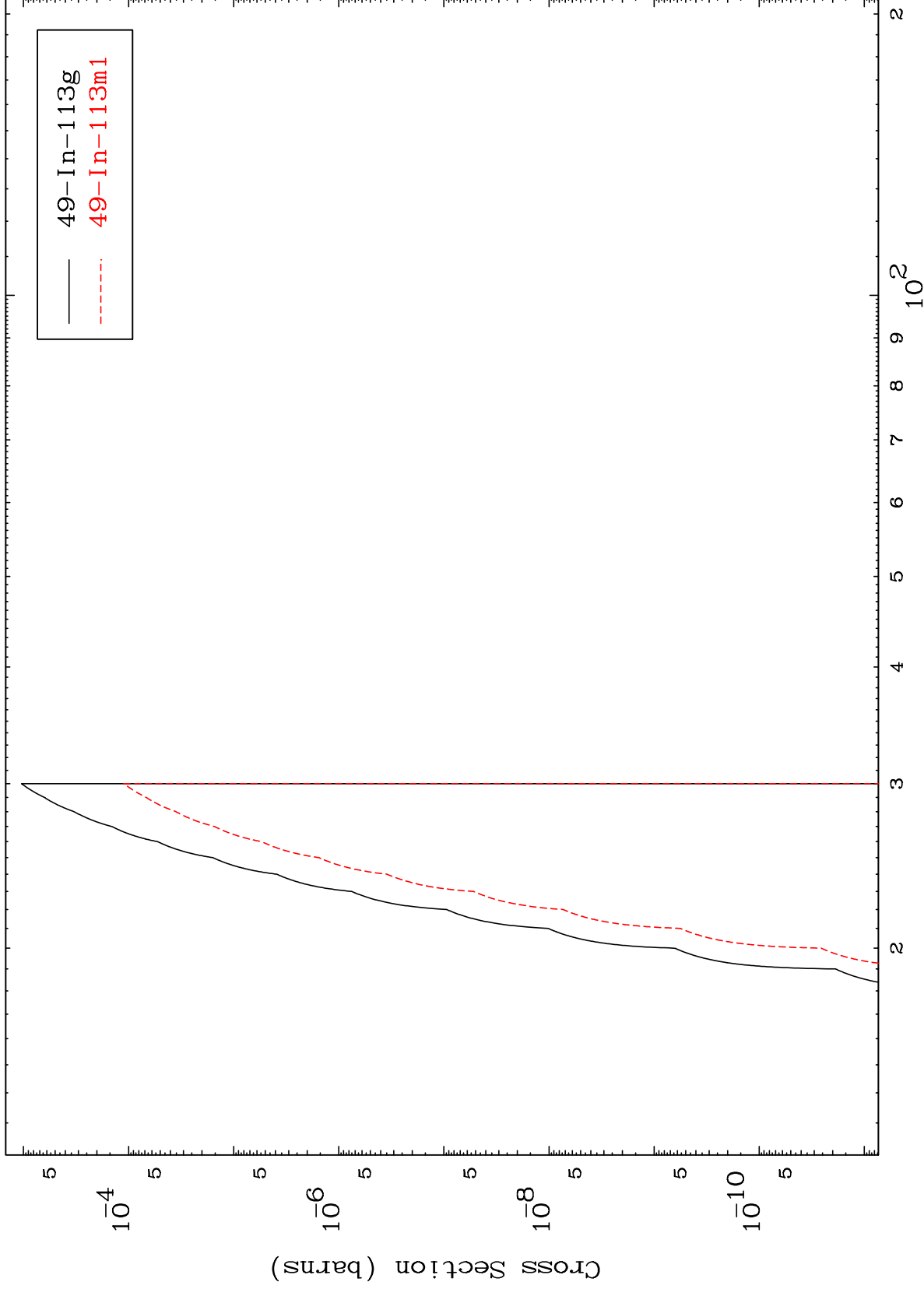
127

Incident Energy (MeV)

51-Sb-116



Radionuclide Production Cross Section

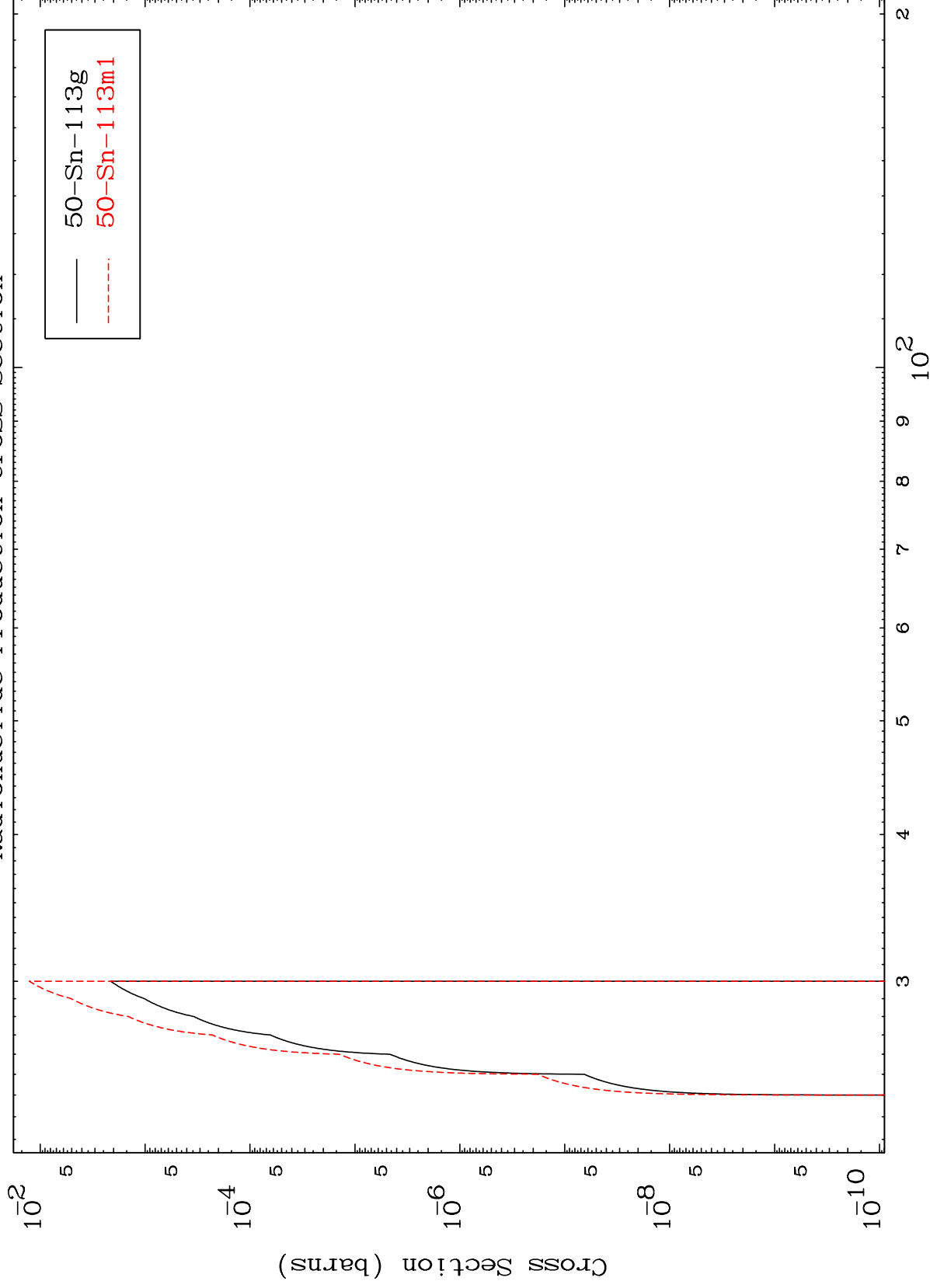


MAT 5110

(n,3n) p

51-Sb-116

Radionuclide Production Cross Section



130

Incident Energy (MeV)

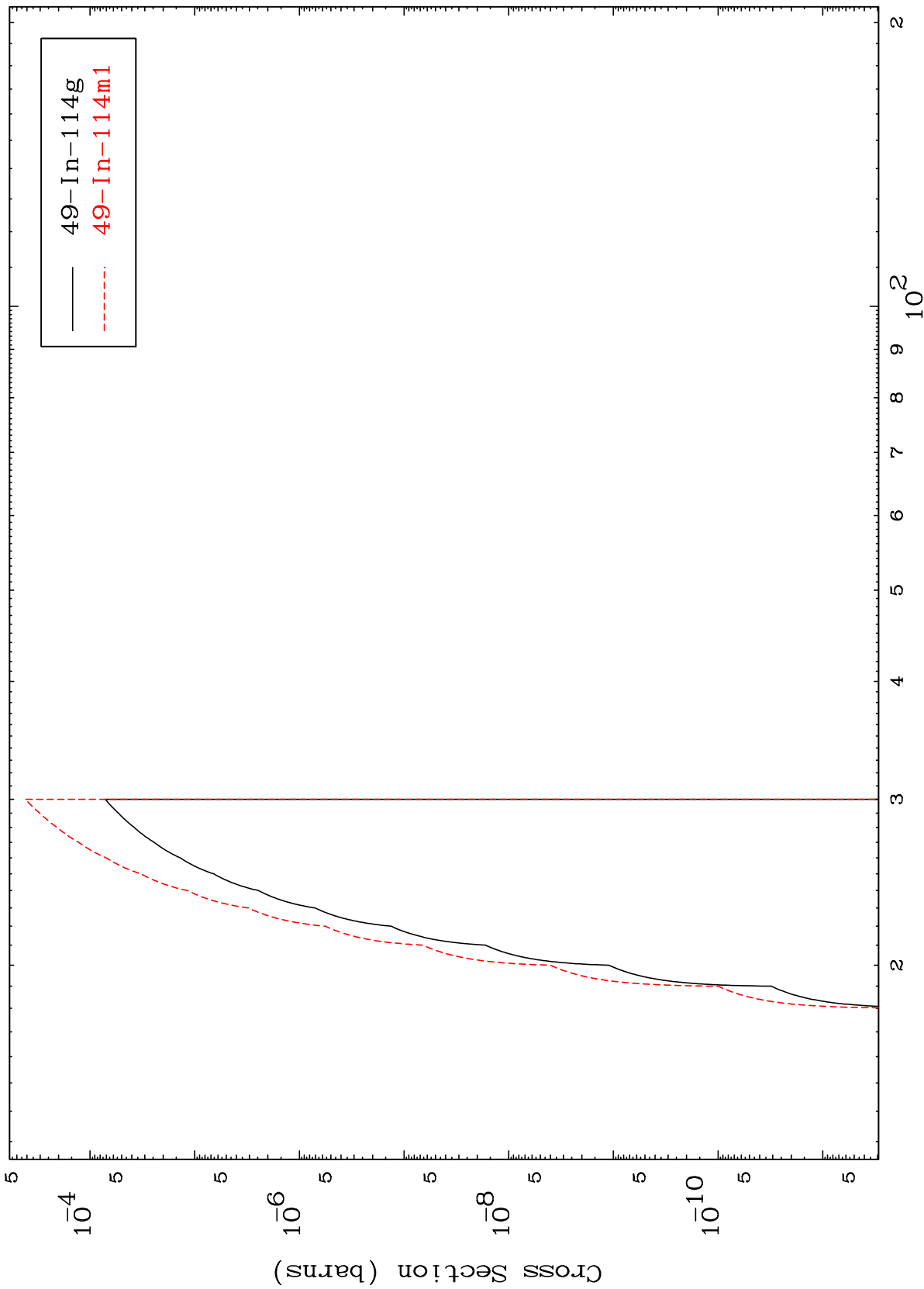
51-Sb-116

MAT 5110

(n,2n) p

51-Sb-116

Radionuclide Production Cross Section



131

Incident Energy (MeV)

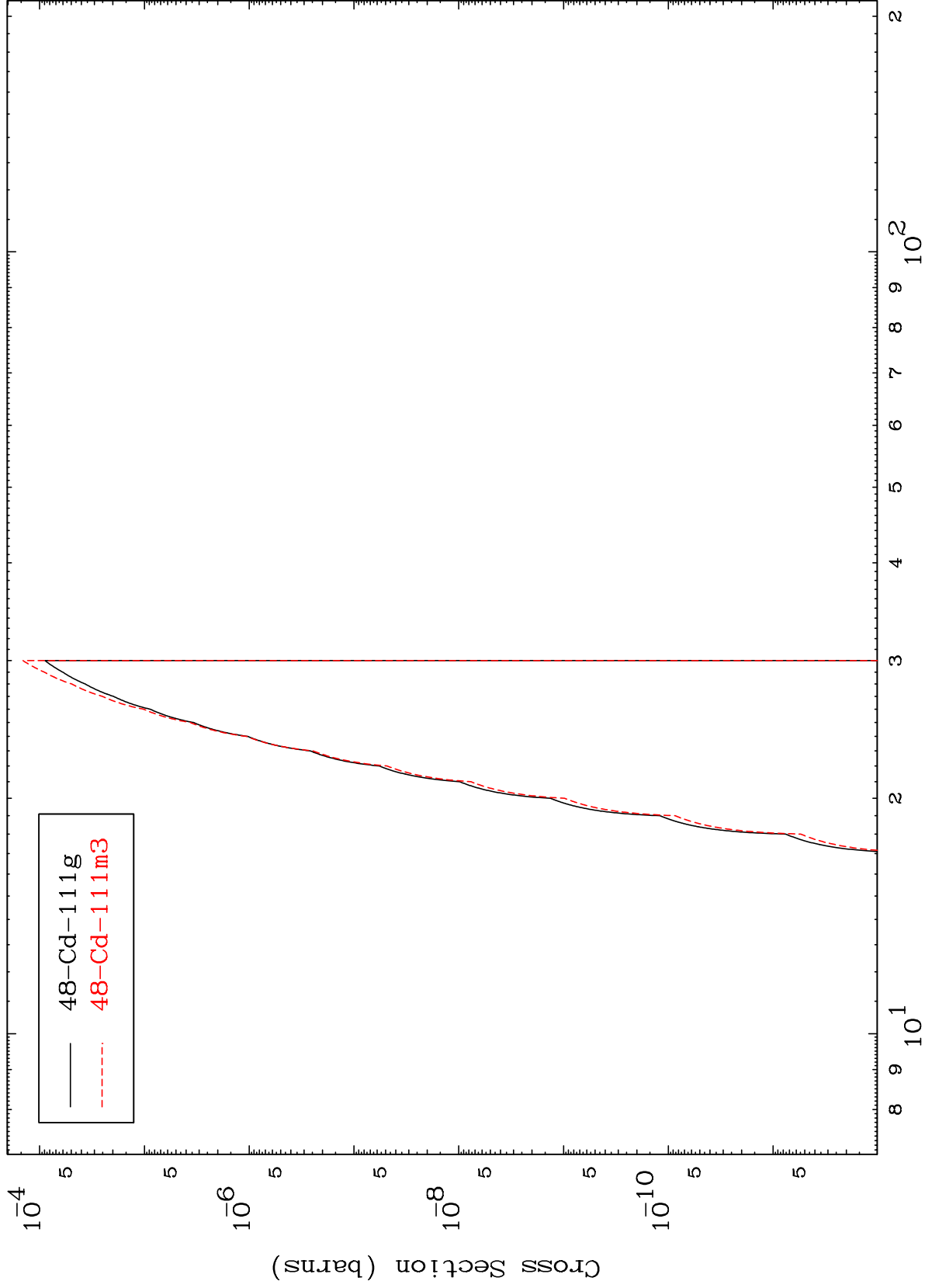
51-Sb-116

MAT 5110

(n,n') p α

51-Sb-116

Radionuclide Production Cross Section



132

Incident Energy (MeV)

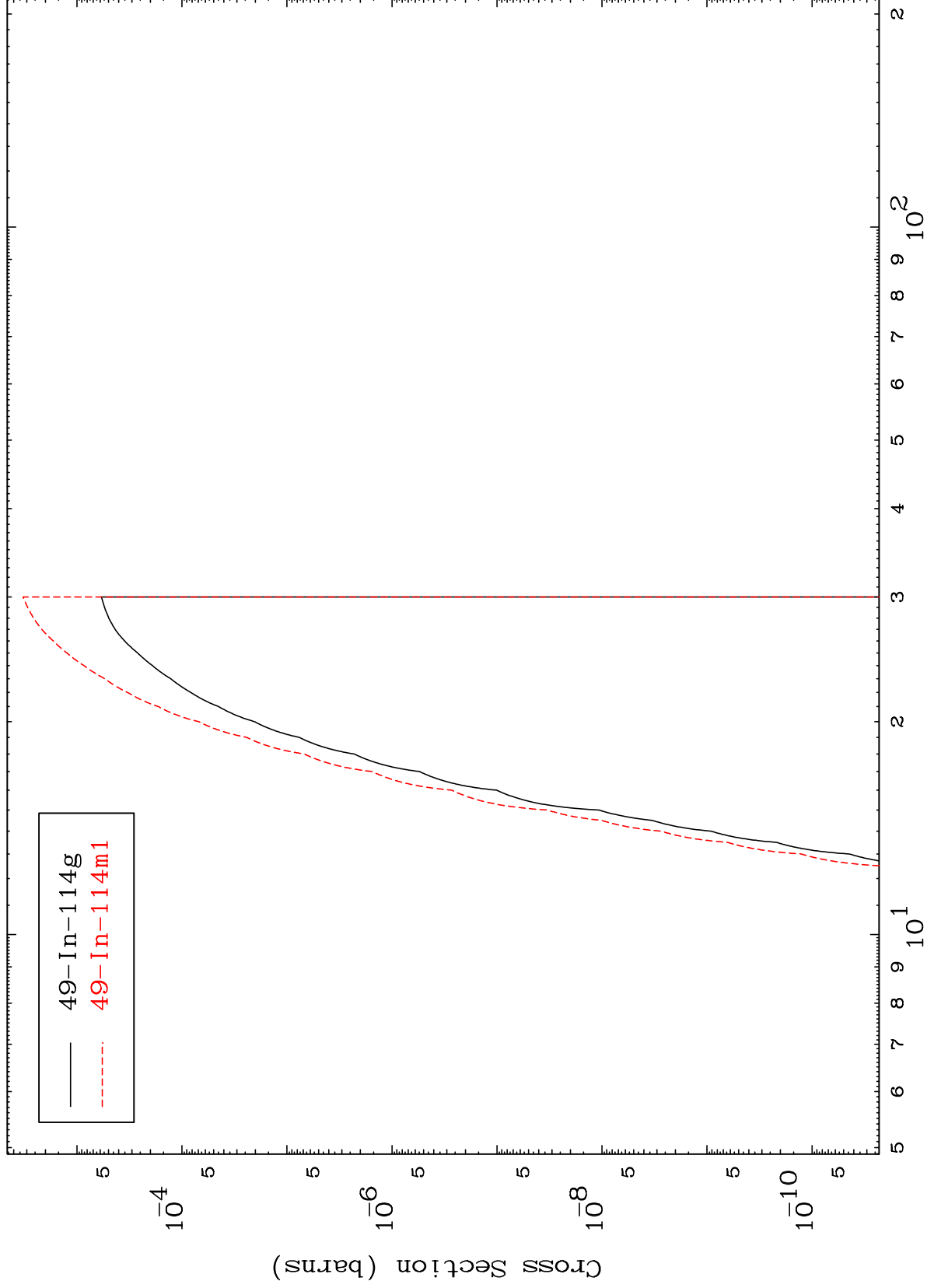
51-Sb-116

MAT 5110

(n,He-3)

51-Sb-116

Radionuclide Production Cross Section



133

Incident Energy (MeV)

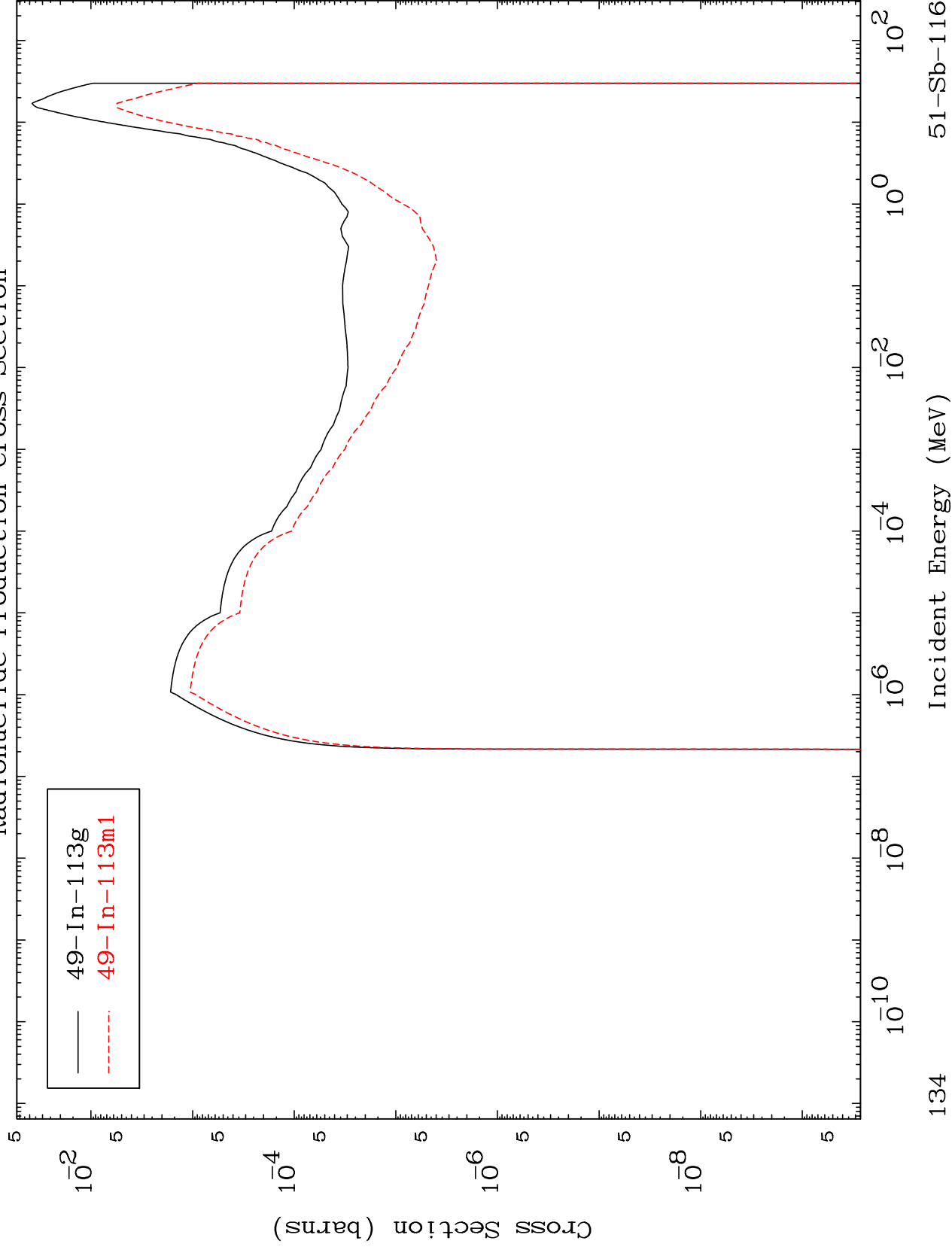
51-Sb-116

MAT 5110

(n, α)

51-Sb-116

Radionuclide Production Cross Section



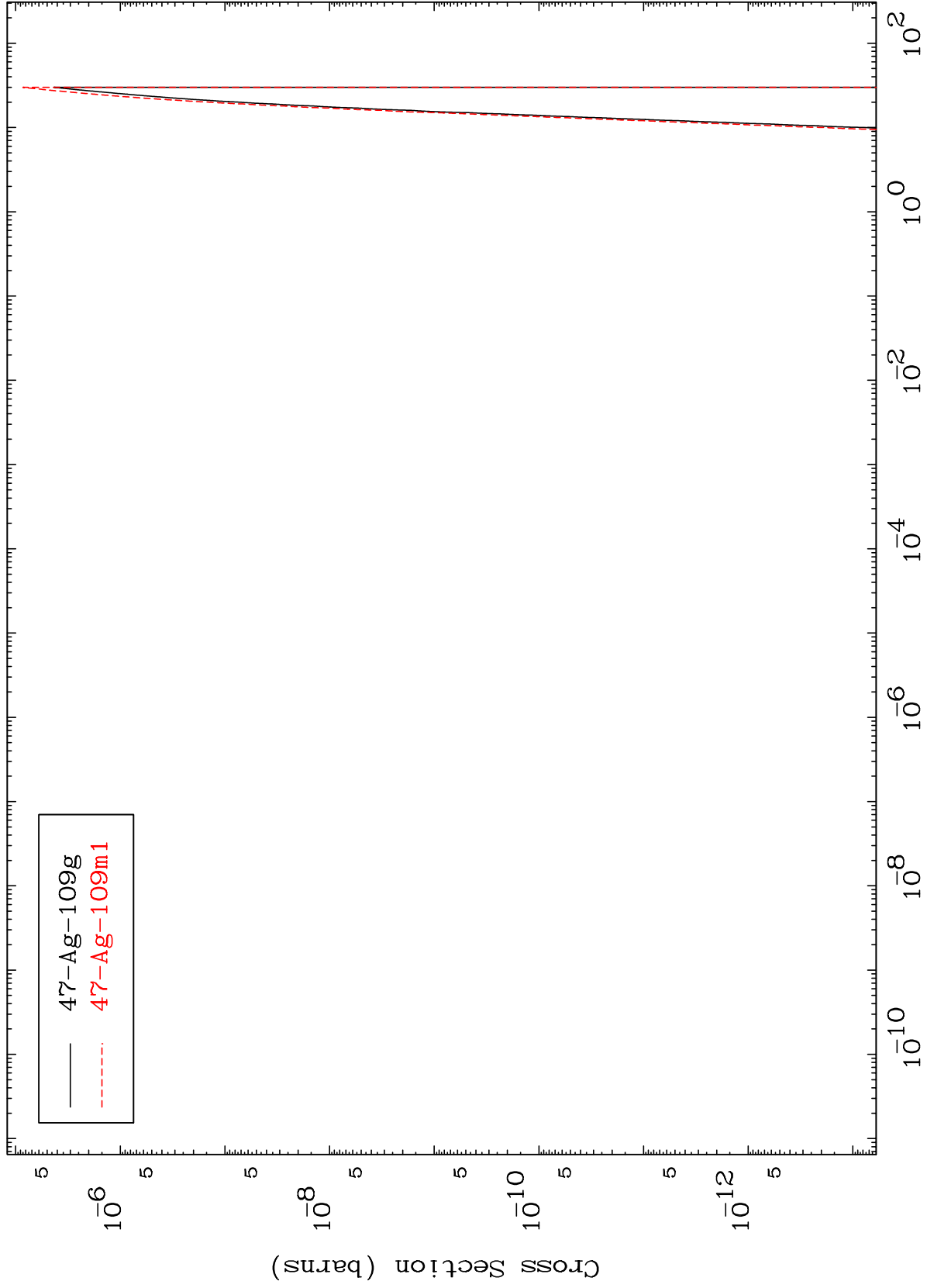
134

MAT 5110

(n,2α)

51-Sb-116

Radionuclide Production Cross Section



135

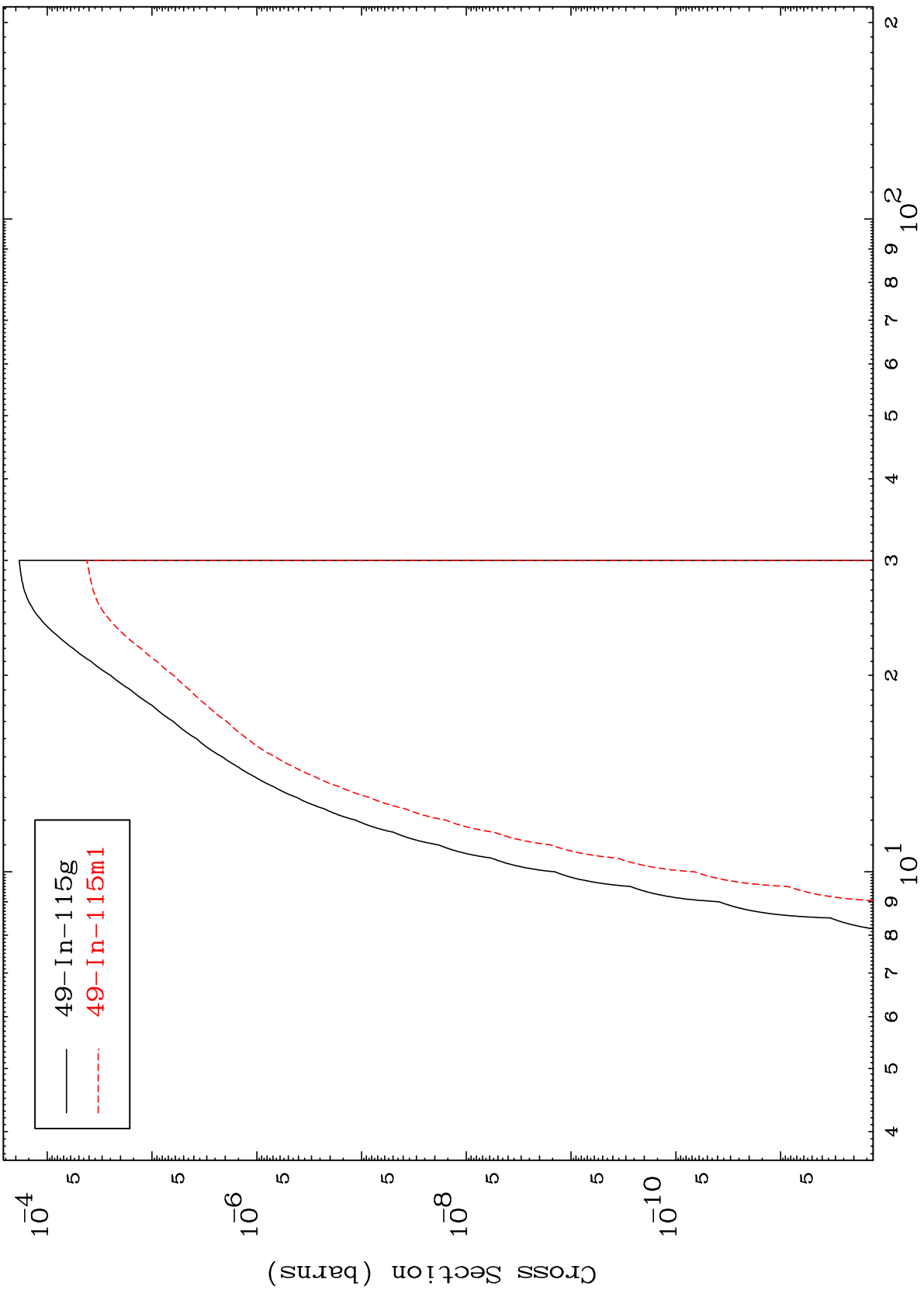
Incident Energy (MeV)

51-Sb-116

MAT 5110

51-Sb-116

Radionuclide Production Cross Section
(n,2p)



136

Incident Energy (MeV)

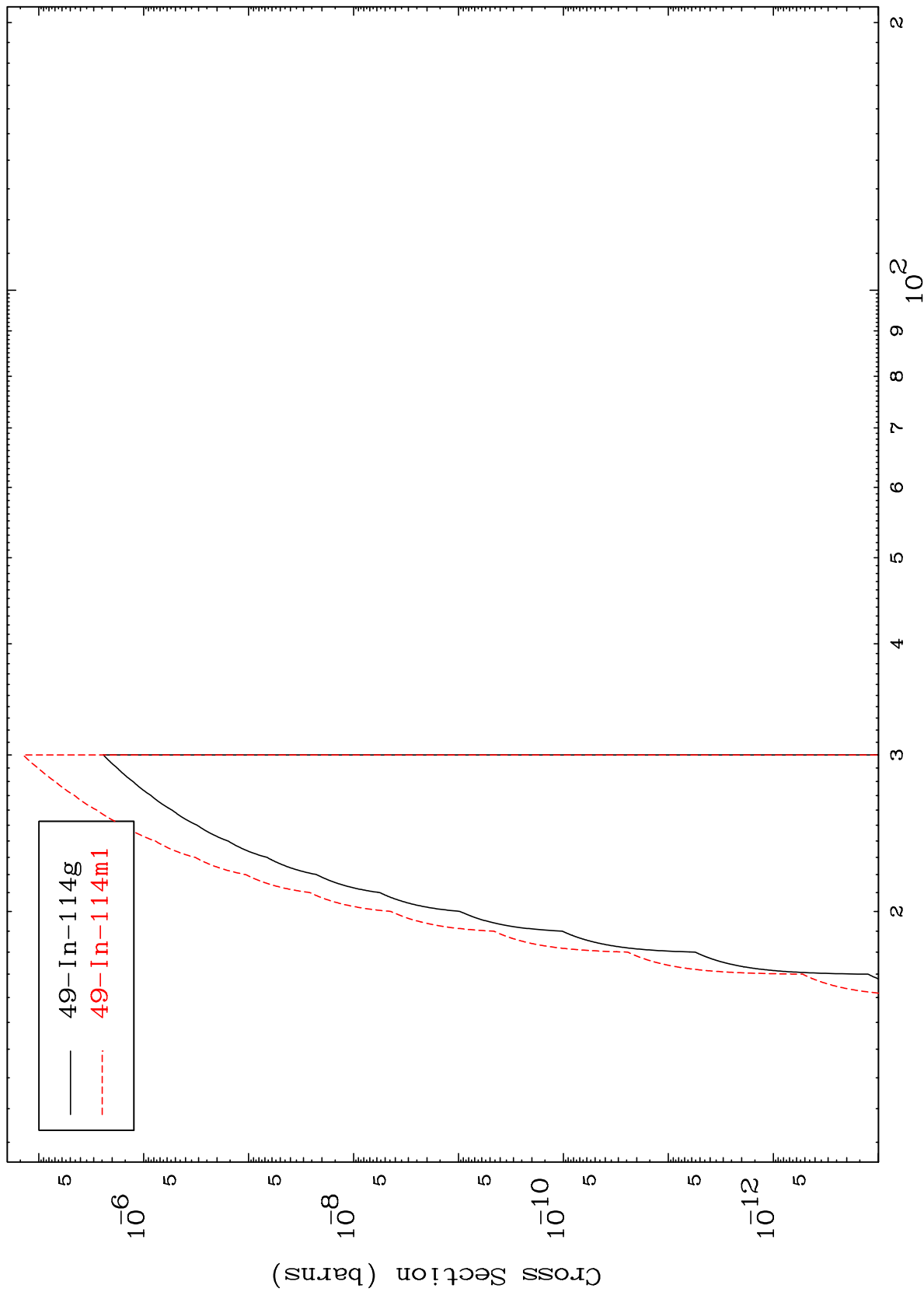
51-Sb-116

MAT 5110

(n,p) d

51-Sb-116

Radionuclide Production Cross Section

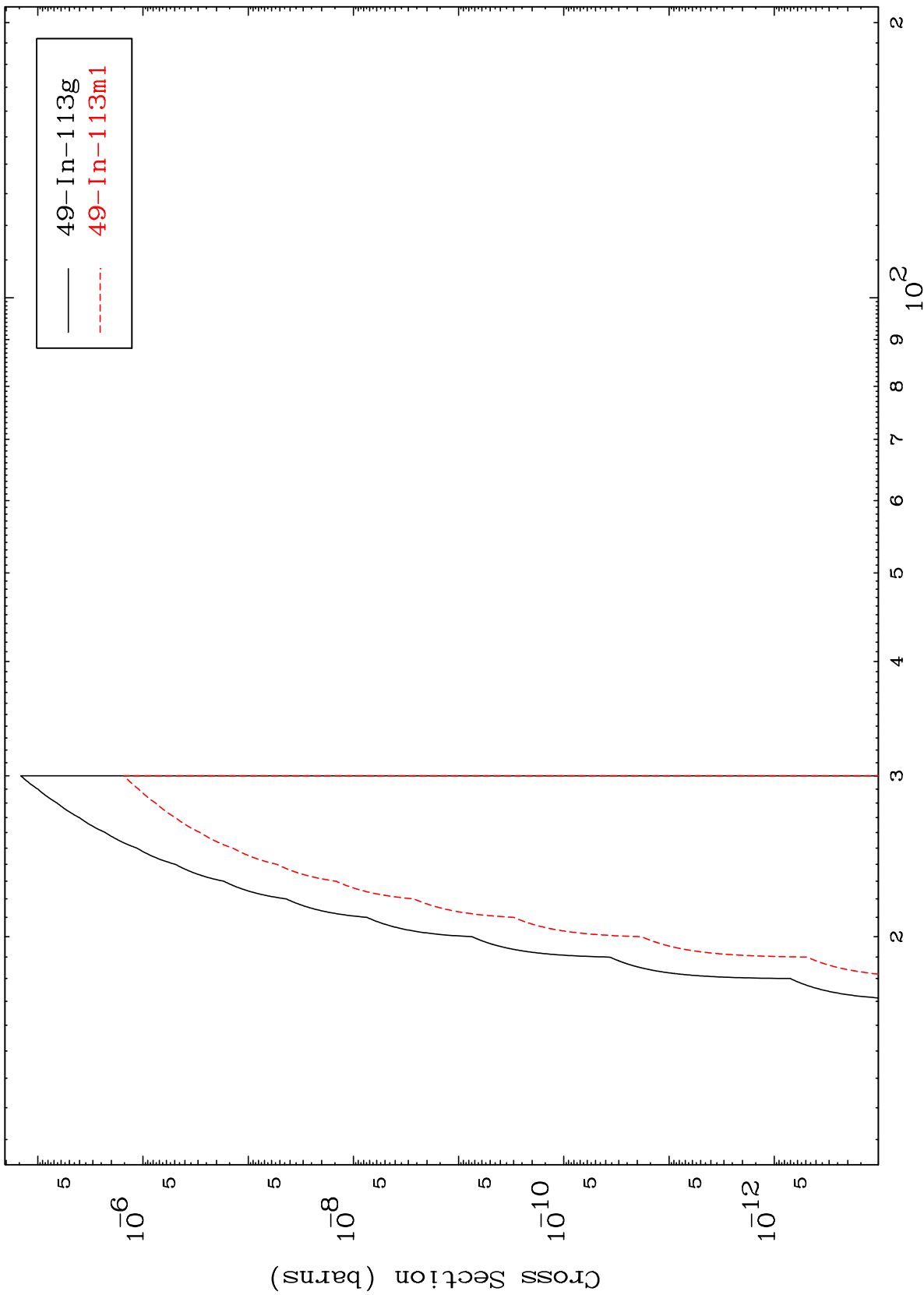


137

Incident Energy (MeV)

51-Sb-116

Radionuclide Production Cross Section

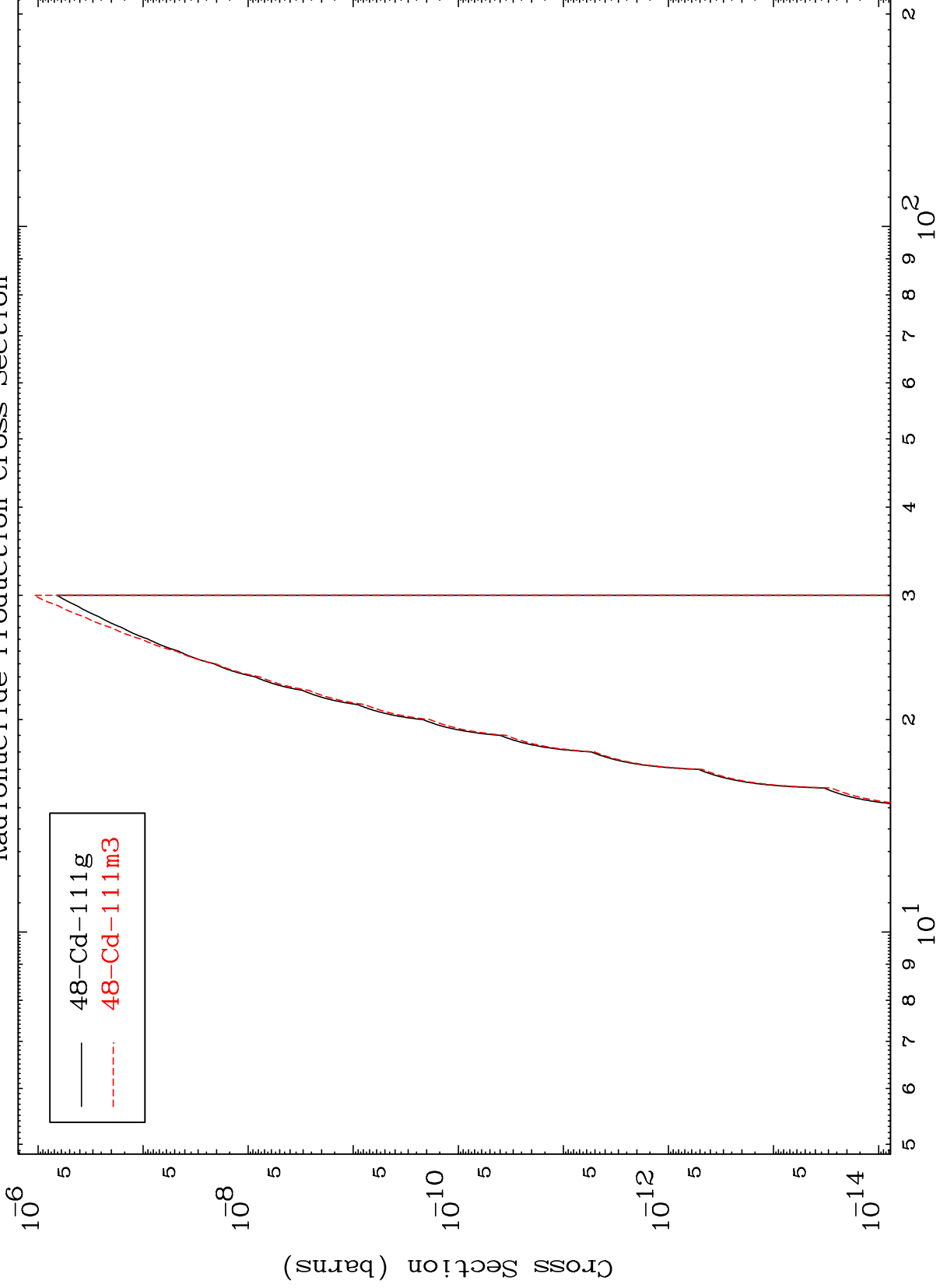


MAT 5110

(n,d) α

51-Sb-116

Radionuclide Production Cross Section



139

Incident Energy (MeV)

51-Sb-116